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Library of Harvard University.

BIBLIOGRAPHICAL CONTRIBUTIONS.

EDITED BY JUSTIN WINSOR,

LIBRARIAN.

No. 38.

SIXTH LIST OF THE PUBLICATIONS

OF HARVARD UNIVERSITY AND ITS OFFICERS,

WITH THE CHIEF PUBLICATIONS ON THE UNIVERSITY.

1888–1889.

By WILLIAM HOPKINS TILLINGHAST,

Assistant Librarian.

CAMBRIDGE, MASS.:

Issued by the Library of Harvard University.

1890.

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Already issued or in preparation:

A Star prefixed indicates they are not yet ready.

VOL. I.

1. EDWARD S. HOLDEN. Index-Catalogue of Books and Memoirs on the Transits of Mercury.
2. JUSTIN WINSOR. Shakespeare's Poems: a Bibliography of the Earlier Editions.
3. CHARLES ELIOT NORTON. Principal books relating to the Life and Works of Michelangelo, with Notes.
4. JUSTIN WINSOR. Pietas et Gratulatio. An Inquiry into the authorship of the several pieces.
5. LIST OF APPARATUS in different Laboratories of the United States, available for Scientific Researches involving Accurate Measurements.
6. THE COLLECTION OF BOOKS AND AUTOGRAPHS, bequeathed to Harvard College Library, by the Honorable Charles Sumner.
7. WILLIAM C. LANE. The Dante Collections in the Harvard College and Boston Public Libraries. Pt. I.
8. CALENDAR of the Arthur Lee Manuscripts in Harvard College Library.
9. GEORGE LINCOLN GOODALE. The Floras of different countries.
10. JUSTIN WINSOR. Halliwelliana: a Bibliography of the Publications of James Orchard Halliwell-Phillipps.
11. SAMUEL H. SCUDDER. The Entomological Libraries of the United States.
12. FIRST LIST OF THE PUBLICATIONS of Harvard University and its Officers. 1870–1880.
13. SAMUEL H. SCUDDER. A Bibliography of Fossil Insects.
14. WILLIAM H. TILLINGHAST. Notes on the Historical Hydrography of the Handkerchief Shoal in the Bahamas.
15. J. D. WHITNEY. List of American Authors in Geology and Palæontology.
16. RICHARD BLISS. Classified Index to the Maps in Petermann's Geographische Mittheilungen. 1855–1881.
17. RICHARD BLISS. Classified Index to the Maps in the Royal Geographical Society's Publications. 1830–1883.
18. JUSTIN WINSOR. The Bibliography of Ptolemy's Geography.
19. JUSTIN WINSOR. The Kohl Collection of Early Maps.
20. WILLIAM C. LANE. Index to Recent Reference Lists, no. 1. 1884–1885.

VOL. II.

21. SECOND LIST OF THE PUBLICATIONS of Harvard University and its Officers. 1880–1885.
22. JUSTIN WINSOR. Calendar of the Sparks Manuscripts in Harvard College Library.
23. WILLIAM H. TILLINGHAST. Third List of the Publications of Harvard University and its Officers. 1885–1886.
24. WILLIAM C. LANE. Index to Recent Reference Lists, no. 2. 1885–1886.
25. W. G. FARLOW and WILLIAM TRELEASE. List of Works on North American Fungi.
26. WILLIAM C. LANE. The Carlyle Collection.
27. ANDREW MCF. DAVIS. A few notes on the Records of Harvard College.
28. WILLIAM H. TILLINGHAST. Fourth List of Publications of Harvard University and its Officers. 1886–1887.
29. WILLIAM C. LANE. Index to Recent Reference Lists, no. 3. 1887.
30. Facsimile of the autograph of Shelley's poem "To a Skylark," with notes.
31. W. G. FARLOW. Supplemental List of Works on North American Fungi.
32. H. C. BADGER. Mathematical Theses, 1782–1839.
33. WILLIAM H. TILLINGHAST. Fifth list of Publications of Harvard University and its Officers. 1887–1888.
*34. WILLIAM C. LANE. The Dante Collections in the Harvard College and Boston Public Libraries.
35. GEORGE E. WOODBERRY. Notes on the MS. of Shelley in the Harvard College Library.
36. WILLIAM C. LANE. The Treat Collection on Ritualism and Doctrinal Theology.
37. FRANK WEITENKAMPF. Bibliography of Hogarth.

VOL. III.

38. WILLIAM H. TILLINGHAST. Sixth List of Publications of Harvard University and its Officers. 1888–1889.

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A LIST OF THE PUBLICATIONS

OF HARVARD UNIVERSITY AND ITS OFFICERS,

WITH THE CHIEF PUBLICATIONS ON THE UNIVERSITY.

FROM SEPTEMBER 30, 1888, TO SEPTEMBER 30, 1889.

*** The list of publications of the officers of the University has been prepared from information received from the officers in response to a circular issued by the editor; for the record of the publications of the University, and for that of the articles relating to it, the editor is responsible. It is proposed to continue this list for successive academic years.

THE UNIVERSITY.

The Harvard University catalogue. 1888–89. Cambridge. 1888. 8°. pp. 381, *map.*

Edited by W. W. Nolen.

Much of the matter in the Catalogue is also printed for distribution in the "Admission," "Elective," and "Graduate" pamphlets, etc., having the following titles: *Selected sheets from the Harvard University Catalogue*, 1888–89, *containing all necessary information for persons intending to enter Harvard College.* — *Announcement of courses of instruction provided by the Faculty of Harvard College for the academic year*, 1888–90. pp. 43. May, 1889. — *Account of the graduate department for the academic year* 1889–90. pp. 56. July, 1889. — *Announcement concerning the courses of instruction offered to special students by the Faculty of Harvard College.* — Sheets describing various departments: *Summer courses of instruction, the Gymnasium, Scientific School, Library*, etc.

The Departments issue their own portions of the Catalogue separately, in some cases with additions: the *106th Annual catalogue of the Medical School* contains the examination papers of 1888; the *21st Annual announcement of the Dental School* (pp. 16) contains a complete list of graduates; the *6th Annual announcement of the School of Veterinary Medicine* contains the admission examination papers and a view of the Village Street hospital.

Directory of the officers and students of Harvard University, October 8, 1888. Cambridge. 1888. 8°. pp. 22.

Edited by W. W. Nolen.

Annual report of the President and Treasurer of Harvard College, 1887–88. Cambridge. 1889. 8°. pp. 175, 58.

This report contains also the reports from the various departments and institutions of the University. The report of the Treasurer and those of several of the Departments are also issued separately.

Harvard University calendar. No. 267–302; September, 1888—June, 1889.

The calendar is issued in term-time only.

[Programme of the exercises at Commencement, 1889.] 4°. pp. xii.

Contains, in Latin, the names of those who receive degrees and academic honors in all departments.

[Circular issued by the Plummer Professor and the Preachers to the University.] Dated 1 July, 1889. 4°. pp. (2).

Examinations for women, 1890. Cambridge. 1889. 8°. pp. 14. (*Explanatory.*)

[Descriptions of Summer courses at Harvard College.] 1888–89. 8°.

A summer course in elementary chemistry. — Summer school of geology; eighth session, 1889. — Summer school in languages. — Summer school of physics.

[Circular addressed to teachers of physics in regard to the preparation of candidates who offer elementary experimental physics.] 4°. pp. (2).

Signed by Professor Trowbridge, Professor B. O. Peirce and Assistant Professor Hall.

Rank-lists for 1888-89. 12°. pp. 32.

Table of schools and colleges from which young men actually entered Harvard College from 1879 to 1888, inclusive, with the number that entered from each institution in each year. 8°. pp. 7.

Reprinted from the President's Report for 1887–88.

Addresses of living alumni. 1889. (Furnished by the Class Secretaries.)

Printed in galleys. 37 sheets.

Harvard University examinations. Papers used at the admission examinations held at Cambridge, Quincy, Andover, Exeter, Concord, Albany, New York, Philadelphia, Chicago, Cincinnati, St. Louis, San Francisco, and Bonn (Germany), June, 1889. Cambridge. 1889. 8°. pp. 22.

Harvard University examinations. Papers set for final examinations in Harvard College, June, 1889. Cambridge. 1889. 8°. 4 pams.

Namely: *Ancient languages (Hebrew, Sanskrit, Greek and Latin).* pp. 40. — *Modern languages (English, German, French, Italian, and Spanish).* pp. 38. — *Philosophy, Political Economy, History, Roman Law, Fine Arts, and Music.* pp. 43. — *Mathematics, Physics, Chemistry, and Natural History.* pp. 34.

Harvard University examinations. Papers used at the annual examinations in law held at Harvard University, June, 1889. Cambridge. 1889. 8°. pp. 38.

Harvard University examinations. Papers used at the examination for women, 1889. Cambridge. 1889. 8°. pp. 22.

[Descriptions of the courses of study at Harvard College.] 1888–90. 8°.

Pamphlets of from one to sixteen pages prepared for the information of students by the instructors in the various courses. Represented are: Botany and Zoölogy, Classics and Sanskrit (Description of Course 18 in Greek issued separately, 10 Sept., 1889), English, Forensics, French, Geology (including Mineralogy, Palaeontology, Physical Geography, and Meteorology), Mathematics, Political Economy, Romance Philology, Semitic languages, Course in work-shop training (Lawrence Scientific School) at the Rindge Manual Training School.

The quarterly Journal of Economics. Vol. iii. Boston. Ellis. 1889. 8°. pp. 528.

Contents. — iii. 1. (October, 1888.) The Austrian economists and their view of value. J. Bonar. — Some precedents followed by Alexander Hamilton. C. F. Dunbar. — A new view of the theory of wages. S. Wood. — The Australian tariff experiment. F. P. Powers. — Notes on the Bank of Amsterdam.

2. (Jan. 1889.) Trusts according to official investigations. E. B. Andrews. — Appreciation of gold. F. Y. Edgeworth. — Railroad business under the Interstate Commerce Act. A. T. Hadley. — The fundamental idea of capital. S. N. Patten. — A typical French farm. — Savings-bank dividends. — The tariff literature of the campaign. — Anti-Chinese legislation in Australasia. J. Lee. — *Appendix:* Italian finances from 1860–1884. Part I. (1860–1866). A. B. Houghton.

3. (April, 1889.) Some aspects of the tariff question. F. W. Taussig. — On certain passages in Jevon's "Theory of political economy." P. H. Wicksteed. — Coöperative savings and loan associations. S. Dexter. — "The positive theory of capital." J. Bonar. — The margin of cultivation. S. N. Patten. — Anti-Chinese legislation in British America. J. Lee. — *Appendix:* Italian finances from 1860–1884. Part II. (1866–1880). A. B. Houghton.

4. (July, 1889.) The English trades-unions. E. Cummings. — The direct tax of 1861. C. F. Dunbar, — A new view of the theory of wages. S. Wood. — The international protection of workmen. A. C. Miller. — Mr. Wicksteed's notes upon Jevons. F. E. Jevons. — The cost of production of capital. F. H. Giddings. — The late copper syndicate. E. B. Andrews. — *Appendix:* English trade-union statistics.

Besides the leading articles each number contains notes on current topics, correspondence, and a bibliography.

Outlines and Guides for the Use of Students in certain Courses of Instruction.

*** The works recorded here have not the official character of university publications, but are prepared by instructors or students in the respective courses.

The work of students in the courses in the history of the United States. History 13, 17, and 20 (d). To be given at Harvard College in the academic year 1888–89. Cambridge. Wheeler. 1888. 8°. pp. 47.

A synopsis of the first three books of John Stuart Mill's "Principles of political economy." As revised by Prof. J. L. Laughlin. With an appendix containing the recent examination papers in Political Economy I. Cambridge. Wheeler. 1888. 8°. pp. 72, vii. (1).

Philosophy II. and III. in Harvard College. Logic notes. Containing all the logic necessary to pass an examination in elementary logic. Arranged by Mr. A. B. Papineau. Cambridge. Wheeler. 1889. 8°. pp. 57.

ARNOLD ARBORETUM.

Annual report of the Director of the Arnold Arboretum [C. S. Sargent] to the President and Fellows of Harvard College, for 1887–88. 1889. 8°. pp. 4.

Reprinted from the President's annual report.

Notes from the Arnold Arboretum. *Garden and Forest*, 1888–89.

Notes published from week to week concerning such new, little known, or especially desirable plants in the collections as may appear worthy of record.

ASTRONOMICAL OBSERVATORY.

Annals of the Astronomical Observatory of Harvard College. Vol. xviii. 6–9, xix. 1, xx. 1–2. Cambridge. 1887–88. 4°.

Contents: xviii. 6. Detection of new nebulae by photography. pp. 113–117. — 7. A photographic determination of the brightness of the stars. pp. 119–214. — 8. Index to observations of variable stars. pp. 215–257. — 9. Meridian-circle observations of close polar stars. pp. 259–284.

xix. 1. Meteorological observations made during the years 1840 to 1888 inclusive, under the direction of William Cranch Bond, George Phillips Bond, Joseph Winlock, and Edward C. Pickering, successive Directors of the Observatory. Printed from the Sturgis fund. Cambridge. 1889. 4°. pp. (6), 1–157.

xx. 1. Observations made at the Blue Hill meteorological observatory, Massachusetts, U. S. A., in the year 1887. With a description of the observatory and its work under the direction of A. Lawrence Rotch, S.B. Cambridge. 1889. pp. xxi, 1–141, *plates* 7. — 2. Observations made at the Blue Hill meteorological observatory, Massachusetts, U. S. A., in the year 1888. With a statement of the local weather predictions under the direction of A. Lawrence Rotch, S.B. Cambridge. 1889. 4°. pp. 143–267.

Henry Draper memorial. Third Annual report of the photographic study of stellar spectra conducted at the Harvard College Observatory, Edward C. Pickering, Director. With two plates. Cambridge. 1889. 4°. pp. 8.

Forty-third annual report of the Director of the Astronomical Observatory of Harvard College. Presented to the visiting committee, December 15, 1888. By Edward C. Pickering. Cambridge. 1888. 8°. pp. 11.

The report includes a list of the scientific articles published by the officers of the Observatory during the year. It is also included in the annual report of the President.

A large photographic telescope. [Circular dated] November 20, 1888. 4°. pp. 4.

The Bruce photographic telescope. [Broadside, dated] June 26, 1889. 4°.

Bulletin of the New England Meteorological Society in coöperation with the Astronomical Observatory of Harvard College, No. 48–60; Oct. 1888—Sept. 1889. 4°. *Also:* Appendix for the year 1888. 4°. pp. 43, *charts.*

Issued in monthly numbers. The first number published with the coöperation of the Astronomical Observatory was January, 1888. The enlarged form was adopted to accord with the size of the Annals of the Observatory, in order that the permanent matter of each Bulletin may be electrotyped and published later in the Annals of the Observatory.

BUSSEY INSTITUTION.

Bulletin of the Bussey Institution. Jamaica Plain, Boston.

Nothing has been issued within the period covered by this list. The Bulletin is published by Allyn & Bacon, Boston.

The annual report of the Dean of the Bussey Institution will be found in the President's report.

LIBRARY.

Harvard University bulletin, no. 41–43. Vol. v. no. 4–6. Oct. 1888—May, 1889.

Contents (besides the list of Accessions, the votes of the Corporation and the Overseers, and the Necrology): — 41. Dante collections [continued]. pp. 259–263. — Calendar of the Sparks manuscripts [continued]. pp. 264–280.

42. Dante collections [continued]. pp. 328–334. — Calendar of the Sparks manuscripts [concluded]. pp. 335–352.

43. Dante collections [concluded]. pp. 397–416.

Bibliographical contributions. Edited by Justin Winsor. In part republished from the Bulletin of Harvard University. The following numbers have been issued since Sept. 1888: —

22. Justin Winsor. Calendar of the Sparks manuscripts in Harvard College Library, with an appendix showing other manuscripts. pp. 88.

32. Henry C. Badger. Mathematical theses of Junior and Senior classes, 1782–1839. pp. 14.

33. William Hopkins Tillinghast. Fifth list of the publications of Harvard University and its officers, with the chief publications on the University. 1887–88. pp. 28.

Rules for indexing serial publications. *Broadside.*

Printed for the use of the Harvard Historical Society.

Eleventh report (1887–88) of Justin Winsor, librarian of Harvard University. 8°. pp. 11.

Included in the annual report of the President, and also printed separately.

MUSEUM OF COMPARATIVE ZOÖLOGY.

Memoirs of the Museum of Comparative Zoölogy at Harvard College. Vol. xiv. no. 1. Part ii. 1. June, 1889. 4°.

Contents: — Studies from the Newport Marine Laboratory. XVI. The development of osseous fishes. ii. The pre-embryonic stages of development. Part first. The history of the egg from fertilization to cleavage. By Alexander Agassiz and C. O. Whitman. pp. 40, *plates* 12 (no. xx–xxxi).

Bulletin of the Museum of Comparative Zoölogy at Harvard College, in Cambridge. Vol. xvi. (Geological series, vol. ii.). 2–5; xvii. 3. 4; xviii.

Contents: — xvi. 2. On the geology of the Cambrian district of Bristol Co., Massachusetts. By N. S. Shaler. pp. 13–41, *map, plates* 2. (Oct. 1888.) — 3. Fossil plants collected at Golden, Colorado. By Leo Lesquereux. pp. 43–59. (Dec. 1888.) — 4. The faults in the triassic formation near Meriden, Connecticut. By William Morris Davis. pp. 61–87, *plates* 5. (April, 1889.) — 5. On the occurrence of fossils of the cretaceous age on the island of Martha's Vineyard, Massachusetts. By N. S. Shaler. pp. 89–97, *plates* 2. (June, 1889.)

xvii. 3. The coral reefs of the Hawaiian Islands. By Alexander Agassiz. pp. 121–170, *plates* 13. (April, 1889.) — 4. Studies on the primitive axial segmentation of the chick. By Julia B. Platt. pp. 171–190, *plates* 2. (July, 1889.)

xviii. Reports on the results of dredging by the U. S. Coast Survey steamer "Blake." XXIX. Report on the mollusca. Part ii. Gastropoda and Scaphopoda. By W. H. Dall. pp. (2) 492, *plates* 31. (June, 1889.)

Annual report of the Curator [Alexander Agassiz] of the Museum of Comparative Zoölogy at Harvard College, to the President and Fellows of Harvard College, for 1887–88. Cambridge. 1888. 8°. pp. 45.

This pamphlet contains, beside the main report of the Curator, which is also included in the report of the President, special reports by officers of the Museum on the departments placed under their charge respectively, and lists of the publications of the Museum and its officers.

PEABODY MUSEUM OF AMERICAN ARCHAEOLOGY AND ETHNOLOGY.

Twenty-second report of the trustees of the Peabody Museum of American Archaeology and Ethnology in connection with Harvard University. Presented to the President and Fellows of Harvard College, Dec. 1888 [consisting of reports of the Treasurer (F. C. Lowell) and of the Curator (F. W. Putnam) and abstracts from the records of the Trustees by the Secretary (H. Wheatland)]. Vol. iv. no. 2. pp. 21–60.

Palaeolithic man in eastern and central America. Part iii. Reprinted from the Proceedings of the Boston Soc. Nat. Hist. Vol. xxiv. Cambridge. Peabody Museum of American Archaeology and Ethnology. May, 1889. 8°. pp. 141–165. *Illustr.*

Part ii. (without the number) was issued in May, 1888; part i. under the title: "The palaeolithic implements of the valley of the Delaware," in 1881. As the pamphlets have not been recorded in earlier Lists the contents of the three numbers is given here.

Contents: — [i.] The palaeolithic implements of the valley of the Delaware. 1. Historical sketch of their discovery. C. C. Abbott. — 2. Their comparison with palaeolithic implements from Europe. H. W. Haynes. — 3. On the age of the Trenton gravel. G. F. Wright. — 4. Statement regarding the finding of an implement in the gravel. L. Carr. — 5. On the lithological character of the implements. M. E. Wadsworth. — 6. Concluding remarks. F. W. Putnam.

[ii.] 1. Comparison of palaeolithic implements. F. W. Putnam. — 2. The antiquity of man in the valley of the Delaware. C. C. Abbott. — 3. The age of the Ohio gravel beds. G. F. Wright. — 4. The recession of the ice-sheet in Minnesota in its relation to the gravel deposits overlying the quartz implements found by Miss Babbitt at Little Falls, Minn. W. Upham. — 5. Discussion and concluding remarks by H. W. Haynes, E. S. Morse, and the President, F. W. Putnam.

[iii.] 1. Early man in the Delaware valley: the rock shelter at Naaman's Creek; palaeolithic implements from the Delaware gravels. H. T. Cresson. — 2. Implement from the Indiana gravel. H. T. Cresson. — 3. The age of the Philadelphia red gravel. G. F. Wright. — 4. Water-worn implements from the Delaware river. C. C. Abbott. — 5. Concluding remarks by the President, F. W. Putnam, with illustrations of palaeolithic implements from Delaware, Indiana, New Jersey and Minnesota.

SCIENTIFIC PAPERS FROM THE LABORATORIES OF THE UNIVERSITY.

Contributions from the Chemical Laboratory of Harvard College.

Contributions from the Chemical Laboratory of Harvard College. By Josiah Parsons Cooke, Director; Charles Loring Jackson, Professor; Henry Barker Hill, Professor; Oliver Whipple Huntington, Instructor; and others, assistants and students. Cambridge. 1887–89.

Twenty-two papers bound together and provided with title-page and table of contents. A similar volume was made up in 1881, containing articles published between 1871 and 1881, and a second, in 1887, covered the intervening years. The present volume contains the articles recorded below, as well as seven which appeared in 1887–88.

On a new method of determining gas densities. By Josiah Parsons Cooke. *Proc. Am. Acad.* 1889; xxiv. 202–233, *plates* 3; also *Am. Chem. Journ.*; also printed separately.

On the action of sodium malonic ester on tribromdinitrobenzol. By C. L. Jackson and W. S. Robinson. *Ibid.* xxiv. 1–13; also *Am. Chem. Journ.* Feb. 1889; xi. 93–105.

On sodic zincates. By A. M. Comey and C. L. Jackson. *Ibid.* xxiv. 14–23 Also *Am. Chem. Journ.* March, 1889; xi. 145–154.

The crystalline structure of the Coahuila irons. By O. W. Huntington. *Ibid.* xxiv. 30–35, *illustr.*

On pentamidobenzol. By A. W. Palmer and C. L. Jackson. *Ibid.* xxiv. 105–112.

On the action of sodium malonic ester on tribromdinitrobenzol. Second paper. By C. L. Jackson and W. S. Robinson. *Ibid.* xxiv. 234–249.

On some nitro derivatives of metabromtoluol. By W. B. Bentley and W. H. Warren. *Ibid.* xxiv. 250–255.

On the action of sodium malonic ester upon tribromtrinitrobenzol. By C. L. Jackson and G. D. Moore. *Ibid.* xxiv. 256–270.

On the action of sodium acetacetic ester upon tribromdinitrobenzol. By C. L. Jackson and G. D. Moore. *Ibid.*, xxiv. 271–287. Preliminary notice. *Ber. d. deutsch. chem. Gesellsch.* 1889; pp. 990, 991.

On tetrabromdinitrobenzol. By C. L. Jackson and W. D. Bancroft. *Proc. Am. Acad.* xxiv. 288–305. Preliminary notice. *Ber. d. deutsch. chem. Gesellsch.* 1889; pp. 603, 604.

General considerations in regard to certain compounds prepared from bromnitrobenzols. By C. L. Jackson. *Proc. Am. Acad.* xxiv. 306–312.

Features of crystalline growth. By O. W. Huntington. *Ibid.* xxiv. 313–319, *plate* 1.

On chlorpyromucic acids. By H. B. Hill and L. L. Jackson. *Ibid.* xxiv. 320–364.

On certain derivatives of furfuracrylic acid. By H. B. Gibson and C. F. Kahnweiler. *Ibid.* xxiv. 364–375.

On the so-called dioxymaleic acid. By W. S. Hendrixson. *Ibid.* xxiv. 376–379.

Papers representing work done in the Cryptogamic Laboratory of Harvard College.

Life history of Macrosporium parasiticum, Thümen. By Kingo Miyabe. *Annals of Botany*, Feb. 1889; iii. 1–25, *plates* 3. With appendix by W. G. Farlow. pp. 26.

The uredo-stage of gymnosporangium. By H. M. Richards. *Botanical Gazette*, Sept. 1889.

Papers representing work done in the Physiological Laboratory, Harvard Medical School.

Voluntary control of the heart. By E. A. Pease, A.B. *Boston Med. and Surg. Journal*, 30 May, 1889; cxx. 525–529, *cuts.*

The movements of the lower jaw. By C. E. Luce. *Ibid.* 4 July, 1889; cxxi. 8–11. *cuts.*

Effects of varying rates of stimulation on the action of the recurrent laryngeal nerves. Reprinted from the New York Medical Journal for 3 Nov. 1888. 8°. pp. 8. With a "Preliminary communication" dated 26 Nov. 1887. 1 sheet. By F. H. Hooper, M.D.

Papers representing work done in the Anatomical Department of the Harvard Medical School.

Valves in the veins of the human intestines. By W. S. Bryant, M.D. *Bost. Med. and Surg. Journ.* 25 Oct. 1888; cxix. 400–403, *illustr.*

Contributions from the Jefferson Physical Laboratory.

Use of steam in spectrum analysis. By J. Trowbridge and W. C. Sabine. *Am. Journ. Sci.* Feb. 1889; 3d series, xxxvii. 114–116.

Neutralization of induction. By J. Trowbridge and S. Sheldon. *Proc. Am. Acad.* 1889; xxiv.

Magnetism of nickel and tungsten alloys. By J. Trowbridge and S. Sheldon. *Ibid.*

PUBLICATIONS OF HOLDERS OF FELLOWSHIPS AT HARVARD UNIVERSITY.

Edward Cummings.

Robert Treat Paine Fellow in Social Science.

The English trades-unions. *Quarterly Journal of Economics*, July, 1889; iv. 403.

August Frederic Foerste.

Morgan Fellow.

Preliminary description of North Attleborough fossils. By N. S. Shaler and August F. Foerste. *Bull. Mus. Com. Zoöl.* Oct. 1888; xvi. [Geol. series ii.] no. 2, pp. 27

Notes on a geological section at Todd's Fork, Ohio. *American Geologist*, 1888. Dec. 1888, ii. 402.

Notes on Clinton group fossils, with special reference to collections from Indiana, Tennessee, and Georgia. *Proc. Bost. Soc. Nat. Hist.* xxiv. pp. 263.

Read before the Society, 1 May, 1889.

Theodore William Richards.

Parker Fellow.

Victor Meyer's vapor density method modified for use under diminished pressure. *Chemical News*, 1889; lix. 39.

A method of vapor density determination. *Ibid.* 1889; lix. 87.

Ueber die Bestimmung der Schwefelsäure bei Gegenwart von Eisen. By Paul Jannasch and Theo. W. Richards. *Journal für praktische Chemie*, 1889; new series, vol. xxxix, pp. 321.

Wallace Clement Sabine.

Morgan Fellow.

On the use of steam in spectrum analysis. By John Trowbridge and W. C. Sabine. *American Journal of Science*, Feb. 1889; 3d series, xxxvii. 114.

THE DUDLEIAN LECTURE.

The validity of non-episcopal ordination. The Dudleian lecture delivered in the chapel of Harvard University, on October 28, 1888, by George Park Fisher. N. Y. Charles Scribner's Sons. 1888. 8°. pp. 31. Also *New Englander and Yale Review*, Dec. 1888; xlix. 373–397.

No Dudleian lecture was delivered between 1857 and 1888.

COLLEGE PAPERS, etc.

The daily Crimson. Vol. xiv., xv. September 27, 1888—June 21, 1889.

The Harvard Advocate. Vol. xlvi., xlvii. Oct. 12, 1888—June 21, 1889. *Fortnightly.*

The Harvard Lampoon. Second series. Vol. xvi., xvii. October 15, 1888—June 20, 1889. *Fortnightly.*

The Harvard Monthly. Vol. vii., viii. October, 1888—June, 1889.

The Harvard Law review. Vol. ii. 3–8; iii. 1, 2. October, 1888—May, 1889.

Published monthly during the academic year by Harvard law students.

Contents: — ii. 3. (Oct. 1888.) History of the law of business corporations before 1880. i. S. Williston. — Liquor statutes in the United States. W. C. Osborn. — 4. (Nov. 1888.) History of the law of business corporations before 1800. ii. S. Williston. — Indians and the law. A. Abbott. — 5. (Dec. 1888.) The Watuppa Pond cases. S. D. Warren, Jr., L. D. Brandeis. — Statutory changes in employers' liability. M. C. Hobbs. — 6. (Jan. 1889.) A brief survey of equity jurisdiction. iv. C. C. Langdell. — Limitations imposed by the federal constitutions on the right of the states to enact quarantine laws. i. B. H. Lee. — 7. (Feb. 1889.) Limitations imposed by the federal constitutions on the right of the states to enact quarantine laws. ii. B. H. Lee. — Great ponds. T. M. Stetson. — 8. (March, 1889.) Comparative merits of written and prescriptive constitutions. i. T. M. Cooley. — The legal aspect of the southern question. E. J. Smith. — Assumpsit for use and occupation. J. B. Ames.

iii. 1. (April, 1889.) The law of ponds. S. D. Warren, Jr., L. D. Brandeis. — The disseisin of chattels. J. B. Ames. — 2. (May, 1889.) Legal rights under the Clayton-Bulwer treaty. F. Snow. — Statutory revision. H. W. Chaplin.

Each number also contains reports of Moot Court cases, lecture notes, summaries of recent cases, etc.

The Harvard Index for 1888–89. A university directory. Vol. xv. Complete athletic, base-ball, foot-ball and boating records and lists of the officers and members of the college societies. Cambridge. 1888. 12°. pp. 244, *plate* 1.

Edited by C. H. Moore and D. C. Torrey.

CLASS DAY EXERCISES.

Class of 1889. Baccalaureate sermon, Baccalaureate hymn, Class day oration. Class poem, Ivy oration. Ode. Class song. Cambridge. 1889. 8°. pp. 29, (4).

Sermon: Self-respect, by Rev. A. P. Peabody. — Hymn, by R. E. N. Dodge. — Oration, by W. W. Magee. — Poem, by C. Hunneman. — Ivy oration, by O. Prescott, Jr. — Ode, by R. E. N. Dodge. — Song, words by C. Warren, music by M. A. Taylor.

CLASS REPORTS.

1864. Harvard College. Class of 1864. Secretary's report. No. 6. 1864–1889. Boston. Printed for the class. 1889. 8°. pp. 229, *plate* 1.

The class secretary is W. L. Richardson.

1874. Fifth report of the class secretary of the Class of 1874 of Harvard College. June, 1884–June, 1889. Printed for the use of the class. Boston. 1889. 8°. pp. 73 (2).

The class secretary is G. P. Sanger, Jr.

1885. Harvard College. Class of 1885. Secretary's report. No. II. 1888–89. 8°. pp. 103.

The class secretary is H. M. Williams.

1886. Harvard College. Class of 1886. Secretary's report. No. II. June, 1889. Cambridge. 1889. 8°. pp. 85 (1).

The class secretary is J. H. Huddleston.

1888. Harvard College. Class of 1888. Secretary's report. No. I. Cambridge. 1889. 8°. pp. 128 (1).

The class secretary is F. B. Lund.

COLLEGE SOCIETIES.

International relations. Address before the Φ B K Society of Harvard University, June 29 [27], 1889. By E. J. Phelps. Burlington. 1889. l. 8°. pp. 31.

The address was printed in full in the *Boston daily Advertiser* and *Boston Post* of June 28, 1889; in pamphlet form it appeared in January, 1890.

S. Paul's society in Harvard University. Constitution, by-laws, presidents, secretaries, and honorary members. Cambridge. 1889. 16°. pp. 16.

PUBLICATIONS OF THE OFFICERS.

*** For the purpose of completing the record, a few articles omitted from former lists are inserted here.

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*Ezra Abbot.

Bussey Professor of New Testament Criticism and Interpretation. 1872–1884.

1. The authorship of the fourth gospel, and other critical essays selected from the published papers of the late Ezra Abbot. Boston. Ellis. 1888. 8°. pp. 501.

Contents: — The authorship of the fourth gospel. — The distinction between αἰτέω and ἐρωτάω. — Ancient papyrus and the mode of making paper from it. — The comparative antiquity of the Sinaitic and Vatican manuscripts of the Greek Bible. — The late Professor Tischendorf. — The late Dr. Tregelles. — Gerhard von Mastricht. — Buttmann's Greek Testament. — Westcott and Hort's edition of the Greek Testament. — The New Testament Greek text. — The gospels in the new revision (*three articles*). — The reading "only-begotten God," in John i. 18. — The reading "an only-begotten God," or "God only-begotten," John i. 18. — The text of John viii. 44. — The reading "Church of God," Acts xx. 28. — The construction of Romans ix. 5. — Recent discussions of Romans ix. 5. — Titus ii. 13. — 1 John v. 7, and Luther's German Bible. — The verse divisions in the New Testament. Edited, with preface, by Professor J. H. Thayer.

Alexander Agassiz.

Curator of the Museum of Comparative Zoölogy.

1. The coral reefs of the Hawaiian Islands. *Bull. Mus. Comp. Zoöl.* April, 1889; xvii. no. 3. pp. 122–170, *plates* 13.
2. Studies from the Newport Marine Laboratory. XVI. The development of osseous fishes. Part ii., I. The pre-embryonic stages of development. With C. O. Whitman. *Mem. Mus. Comp. Zoöl.* June. 1889; xiv. No. 1. Part ii., 1. pp. 1–40, *plates* 12.
3. Report as Curator of the Museum of Comparative Zoölogy at Harvard College, 1887–88. Cambridge. 1888.
4. Edited the Memoirs and the Bulletin of the Museum of Comparative Zoölogy, and Studies from the Newport Marine Laboratory. *See* Official publications: Museum of Comparative Zoölogy.
5. Sundry reviews and notices in *Nature*, the *American Journal of Science*, and *Nation*.

James Barr Ames.

Bussey Professor of Law.

1. Assumpsit for use and occupation. *Harvard Law Review*, March, 1889; ii. 377–380.
2. Disseisin of chattels. Part I. *Ibid.* April, 1889; iii. 23–40.

William Henry Baker.

Professor of Gynaecology.

1. Diseases of the bladder and uretha. *A System of Gynaecology by American Authors.* Ed. M. D. Mann, M.D. Vol. ii. Philadelphia. Lea Bros. & Co. 1889.

Henry Jacob Bigelow.

Professor of Surgery, Emeritus.

1. Fees in hospitals. *Boston Med. and Surg. Journ.* 18 April, 1889; cxx. 377, 378.
2. An old portrait of a surgeon. *Ibid.* 6 June, 1889; cxx. 549–551. *plate.*

The portrait is one belonging to the Boston Society for Medical Improvement; it was supposed to represent Ambroise Paré, but has lately been identified as a portrait of François Hérard.

Clarence John Blake.

Professor of Otology.

1. Influence of the use of the telephone upon the hearing power. *Archives of Otology*, 1888; vol. xvii. no. 3.
2. A new form of clinical tuning-fork. *Boston Med. and Surg. Journ.* 20 Dec. 1888; cxix. 604, 605. *cut.*
3. Reduplications of mucous membrane in the upper portion of the tympanic cavity and their clinical importance. *Boston Med. and Surg. Journ.* 30 May, 1889; cxx. 531–538, *cuts.* Also in the *Annales de Maladies de l'Oreille* (Paris), Aug. 1889.

In conjunction with Dr. William S. Bryant.

Henry Pickering Bowditch.

Professor of Physiology, and Dean of the Medical Faculty.

1. Hints for teachers of physiology, Boston. D. C. Heath & Co. Jan. 1889. sm. 8°. pp. 58.

"Guides for Science teaching," no. xiv.

Francis Bowen.

Alford Professor of Natural Religion, Moral Philosophy, and Civil Polity.

1. Open letter to Hon. John D. Long. *Boston Post*, 2 Nov. 1888.

Edward Hickling Bradford.

Instructor in Surgery.

1. Report of progress. Orthopedic surgery. With Dr. R. W. Lovett. *Bost. Med. and Surg. Journ.* 15 Nov. 1888; cxix. 475–479. With a bibliography.

2. Report of progress. Orthopedic surgery. With Dr. E. G. Brackett. *Ibid.* 4, 11, 18 July, 1889; cxxi. 11–13, 35–37, 58–62. With bibliography.

3. President's address. American Orthopedic Association. *Ibid.* 26 Sept. 1889; cxxi. 299–302.

Delivered at the third annual meeting, Boston, September 17, 1889.

4. A case of tumor of the brain: removal; death. With Dr. P. C. Knapp. *Med. and Surg. Reports of the City Hospital, Boston*, 4th series, 1889; pp. 103–143, *illustr.* Also *Boston Med. and Surg. Journ.* 4, 11, 18 Apr. 1889; cxx. 325, 353, 378, *and* separately: Boston. 1889. 8°. pp. 43.

5. Amputation of the hip-joint. *Ibid. pp.* 144–149, *illustr.*

6. A method for the rapid forcible reduction of subluxated tibia in chronic diseases of the knee-joint. *Ibid.* pp. 149–152, *illustr.*

William Brewster.

Assistant in Ornithology and Mammalogy at the Museum of Comparative Zoölogy.

1. Breeding of the golden-crested kinglet (*Regulus satrapa*) in Worcester County, Massachusetts, with a description of its nest and eggs. *Auk*, Oct. 1888; v. 337–344.

2. Notes on the birds of Winchendon, Worcester County, Massachusetts. *Ibid.* Oct. 1888; v. 386–393.

3. A second Maine (and fourth New England) specimen of Swainson's hawk (*Buteo Swainsoni*). *Ibid.* Oct. 1888; v. 424.

4. *Cistothorus palustris marianae* on the coast of Georgia. *Ibid.*, Oct. 1888; v. 432.

5. Notes on the birds of Fort Klamath, Oregon. By Dr. J. C. Merrill, U.S.A. With remarks on certain species by William Brewster. *Ibid.* Oct. 1888.; v. 357–366 (concluded).

6. The present status of Foster's tern as a bird of New England. *Ibid.* Jan. 1889; vi. 66. 67.

7. Occurrence of the western sandpiper (*Ereunetes occidentalis*) in numbers on the coast of Massachusetts. *Ibid.* Jan. 1889; vi. 69.

8. Krider's hawk (*Buteo borealis Kriderii*) on the coast of Georgia. *Ibid.* Jan. 1889; vi. 70.

9. Second occurrence of the prairie horned lark in eastern Massachusetts. *Ibid.* Jan. 1889; vi. 71, 72.

10. Descriptions of supposed new birds from western North America and Mexico. *Ibid.* Apr. 1889; vi. 85–98.

11. *Dendroica coronata* feeding upon oranges. *Ibid.* July, 1889; vi. 279.

12, 13. Two letters without formal titles relating to the American woodcock. *Forest and Stream.* Aug. 1, 22, 1889; xxxiii. 24, 83.

Mr. Brewster is a member of the committee on publication of the *Auk.*

Le Baron Russell Briggs.

Assistant Professor of English.

1. The student's business: a homily. *Harvard Monthly.* Nov. 1888; vii. 43–47.

Herbert Leslie Burrell.

Demonstrator of Bandaging and Apparatus.

1. Cases illustrating the use of compression after the method of Mr. Gamgee. *Boston Med. and Surg. Journ.* 29 Nov. 1888; cxix. 528, 529.

2. A few points in Macewen's operation for the radical cure of hernia. *Ibid.* 6 Dec. 1888; cxix. 545, 546.

3, 4. Report on progress of surgery. With H. W. Cushing. *Ibid.* 14, 21 Mar. 1889; cxx. 258, 285. Again in issues of 5, 12 Sept. 1889; cxxi. 227, 253.

5. A consideration of the use of gases in penetrating wounds of the abdomen. *Ibid.* 25 July, 1889; cxxi. 77–80.

William Elwood Byerly.

Professor of Mathematics.

1. Elements of the integral calculus, with a key to the solutions of differential equations, and a short table of integrals. Second edition, revised and enlarged. Boston. Ginn & Co. 1889. 8°.

Arthur Tracy Cabot.

Clinical Instructor in Genito-urinary Surgery.

1. Article on supra-pubic cystotomy, in *Reference Hand-book of the Medical Sciences.* New York. Wood. Vol. viii. 500.

2. Twenty-five cases of laparotomy for the removal of tumors. *Boston Med. and Surgical Journ.* 10 Jan. 1889; cxx. 29–35.

3. A case of uniform contraction of all the flexor muscles in the forearm, relieved by an open incision. *Ibid.* 17 Jan. 1889; cxx. 60, 61.

4. Cases of laparatomy for accidents occurring in the reduction of hernia. *Ibid.* 30 May, cxx. 530, 531, *cut.*

5. Two cases of laparotomy for penetrating wounds of the abdomen, with remarks. *Ibid.* 25 July, 1889; cxxi. 81–83.

6. Anchylosis of the temporo-maxillary joint relieved by osteotomy of the neck of the inferior maxilla. *Trans. Am. Surgical Assoc.* Vol. vii. 115.

Edward Channing.

Assistant Professor of History.

1. The war in the southern department. [1778–1782.] *Narrative and Critical History of America.* Ed. Justin Winsor. Vol. vi. Boston. 1888. chap. vi. pp. 468–555, *illustr.*

Herman White Chaplin.

Lecturer on Criminal Law.

1. Statutory revision. *Harv. Law Review.* May, 1889; iii. 73–83.

David Williams Cheever.

Professor of Surgery.

1. The future of surgery without limit. Address as President of the American Surgical Association. Boston. Cupples & Upham. 1889. 12°. pp. 10.

Delivered at Washington, 14 May, 1889. See also *Boston Med. and Surg. Journ.* 23 May, 1889; cxx. 501–503.

2. Edited, with Dr. O. F. Wadsworth and Dr. G. B. Shattuck, *Medical and Surgical Reports* of the City Hospital of the City of Boston. 4th series. Boston. 1889. 8°. pp. 227, *illustr.*

Pages 1–56 contain reports of surgical cases by Dr. Cheever.

Francis James Child.

Professor of English.

1. The English and Scottish popular ballads. Part vi. Boston. 1889. 4°. pp. 257–521 (vol. iii.).

Arthur Messinger Comey.

Assistant in Chemistry.

1. On sodic zincates. With C. L. Jackson. *Am. Chem. Journ.* March, 1889; xi. 145–154.

Contributions from the Chemical Laboratory of Harvard College. This article was entered in the *Fifth List of Publications.*

Josiah Parsons Cooke.

Erving Professor of Chemistry and Mineralogyy; Director of the Chemical Laboratory.

1. On a new method of determining gas densities. *Proc. Am. Acad.* xxiv. pp. 202–233, *plates* 3. Also separately, and in *Am. Chem. Journ.* Dec. 1889.

Belongs to the series: *Contributions from the Chemical Laboratory of Harvard College.*

2. The chemical elements: history of the conception which this term involves. *Popular Science Mo.* April, 1889; xxxiv. 733–750.

3. Address at the Commencement dinner, 26 June, 1889. sq. 16°. pp. 16.

Also printed in the Boston newspapers and in *Science*, 13 Sept. 1889; xiv. 185, 186.

4. Concluding address to the Freshman class of Harvard College, Cambridge, 17 January, 1889. sq. 16°. pp. 18.

5. Professor Cooke edited *the Proceedings of the American Academy of Arts and Sciences*, vol. xxiv; he is also an associate editor of the *American Journal of Science.*

This volume of the *Proceedings of the American Academy* is the sixteenth annual volume which Professor Cooke has edited in succession.

6. Report as Director of the Chemical Laboratory. *Annual Report of the President*, etc. 1887–88. pp. 139–143.

Elbridge Gerry Cutler.

Clinical Instructor in the Theory and Practice of Physic.

1. Faecal accumulation. *Boston Med. and Surg. Journ.* 1 Nov. 1888; cxix. 430–432.

Francis Henry Davenport.

Assistant in Gynaecology.

1. Diseases of women. A manual of non-surgical gynecology, designed especially for the use of students and general practitioners. Philadelphia. Lea Brothers & Co. 1889. 12°. pp. xiv. 317, *illustr.*

2. Some gynecological cases treated by the Faradic current. *Boston Med. and Surg. Journ.* 28 Oct. 1888; cxix. 397–400.

3, 4. [Semi-annual] reports on the progress of gynecology. *Ibid.* 24 Jan., 1 Aug. 1889; cxx. 87, 88, cxxi. 111–113.

5. Some uses of the vaginal tampon. *Ibid.* 14 Feb. 1889; cxx. 163–165.

William Morris Davis.

Assistant Professor of Physical Geography.

1. Physical geography and climate of New England. Two chapters in S. H. Scudder's *Butterflies of New England.* Boston. 1888.

2. The faults in the triassic formation near Meriden, Conn.; a week's work in the Harvard Summer School of Geology. *Bull. Mus. Comp. Zoöl.* April, 1889; xvi. (Geol. series ii.) 61–67, *plates* 5.

3. The ashbed at Meriden and its structural relations. Reprinted from the *Proceedings of the Meriden Scientific Association*, dated Dec. 1888. 8°. pp. 8.

4. Topographic development of the triassic formation of the Connecticut valley. *Am. Journ. Sci.* 1888; 3d series, cxxxvii. 423–434.

5. Geographic methods in geologic investigation. *Nat. Geogr. Mag.* 1888; i. 11–23.

6. On glacial origin of cliffs. *Am. Geologist*, 1888; iii. 14–18.

7. Methods and models in geographic teaching. Abstract of lecture delivered before the University Scientific Association of Johns Hopkins University. *Am. Naturalist*, July, 1889; iii. 566–583. Also *J. H. Univ. Circular*, no. 72. pp. 62.

8. Synclinal mountains and anticlinal valleys. *Science*, 21 Dec. 1888; xii. 320.

9. A river pirate. *Ibid.* 1889; xiii. 100.

10. Some American contributions to meteorology. [A lecture delivered before the Franklin Institute of Philadelphia, Nov. 19, 1888.] Philadelphia. 1889. 8°. pp. 27.

Reprinted from the *Journal of the Franklin Institute*, Feb., March, 1889; cxxvii. 104, 176.

11. The rivers and valleys of Pennsylvania. A lecture delivered before the National Geographic Society, at Washington, Feb. 8, 1889. [Washington, 1889]. 8°. pp. 71, *maps* and *cuts.*

Reprinted from the *National Geographic Magazine*, 1889, vol. i. no. 3, pp. 183–253.

12. The structure of the triassic formation of the Connecticut valley. *Seventh annual report, U. S. Geological Survey.* (1885–86). Washington, 1889. pp. 455–490, *plate* 1, *cuts.* Also issued separately.

Frank Winthrop Draper.

Professor of Legal Medicine.

1. Recent progress in legal medicine. *Boston Med. and Surg. Journ.* 7 Feb. 1889; cxx. 137–140.
2. The anatomical appearances resulting from poisoning by arsenic. *Ibid.* 8 Aug. 1889; cxxi. 125–128.

Charles Franklin Dunbar.

Professor of Political Economy.

1. Some precedents followed by Alexander Hamilton. *Quarterly Journal of Economics*, Oct. 1888; iii. 32–59.
2. The direct tax of 1861. *Ibid.* July, 1889; iii. 436–461.
3. Various notes and memoranda as editor of the *Quarterly Journal of Economics.*

Thomas Dwight.

Parkman Professor of Anatomy.

1. The anatomy of the contortionist. *Scribner's Magazine*, April, 1889; v. 493–505, *illustr.*
2. The significance of the third trochanter and of similar bony processes in man. *Journal of Anat. and Physiol.* vol. xxiv. pp. 61–68.

3–5. Recent progress in anatomy. *Boston Med. and Surg. Journ.* 4 Oct. 1888, 28 Feb., 19 Sept. 1889; cxix. 322, cxx. 213, cxxi. 277.

6. Several reviews of anatomical works for the *Boston Med. and Surg. Journ.* mostly signed with initials.

Charles William Eliot.

President of the University.

1. Annual report of the President and Treasurer. 1887–88. Cambridge. 1889. 8°.

John Wheelock Elliot.

Clinical Instructor in Gynaecology.

1. Papers on abdominal surgery. Boston. 1889. pp. 26.

A collection of articles which have already appeared in medical journals.

Harold Clarence Ernst.

Demonstrator of Bacteriology.

1. The etiology of puerperal fever. *A System of Obstetrics by American Authors.* Ed. B. C. Hirst, M.D. Vol. ii. Philadelphia. Lea Bros. & Co. 1889. p. 401.
2. Edited the department of Bacteriology in the *Annual of the Universal Medical Sciences.* Vol. v. section 1. Philadelphia. 1889.

Charles Carroll Everett.

Bussey Professor of Theology; Dean of the Divinity School.

1. The tragic *motif* in Browning's dramas. *Andover Review*, Feb. 1889; xi. 113–132.
2. Joseph Priestley: — The old Unitarianism and the new: an oration delivered at the unveiling of a monument to Joseph Priestley, in the Unitarian Church in Philadelphia, March 13, 1889. *Christian Register*, vol. lxviii. no. 13. pp. 200–203. Also separately in *Register Tract Series*, no. 13.
3. An oration delivered at Brunswick, Me., June 13, 1889, on the 150th anniversary of the incorporation of the town. *Lewiston* (evening) *Journal*, 13 June, 1889; *Portland Advertiser*, *Argus*, and *Press*, 14 June, 1889; *Brunswick Telegraph*, 21 June, 1889.

This oration was published in the volume: *Celebration of the one hundred and fiftieth anniversary of the incorporation of the town of Brunswick.* Brunswick, Me. Pejepscot Hist. Soc. 1889 [Jan. 1890]. pp. 14–39.

William Gilson Farlow.

Professor of Cryptogamic Botany.

1. Notes on fungus diseases in Massachusetts in 1888. *Proc. Ninth Meeting Society Prom. Agric. Sci.* October, 1888.
2. Apospory in Pteris aquilina. *Annals of Botany*, Nov. 1888; ii. 383–385, *illustr.*
3. On some new or imperfectly known algae of the United States. *Bulletin Torrey Bot. Club*, Jan. 1889; xvi. 1–12.
4. Notes on fungi. *Bot. Gazette*, Aug. 1889; xiv. 187–190.
5. Memorial of Asa Gray. 1810–1888. Read before the National Academy, 17 April, 1889. [Wash. D.C.] 1889. 8°. pp. 161–175.

Extracted from the *Proc. Am. Acad.* vol. xxiv.

6. Professor Farlow is co-editor of the *Annals of Botany* (Oxford), and has contributed to *Garden and Forest.*

Walter Faxon.

Assistant in Zoölogy at the Museum of Comparative Zoölogy.

1. On the summer birds of Berkshire County, Massachusetts. *Auk*, Jan., Apr. 1889; vi. 39–46, 99–107.

Jesse Walter Fewkes.

Assistant in charge of Invertebrata at the Museum of Comparative Zoölogy, and of the Newport Marine Laboratory.

1. On the serial relationships of ambulacral and adambulacral calcareous plates of the starfishes. *Proc. Bost. Soc. Nat. Hist.* vol. xxiv. pp. 96–117.
2. On a method of defence among certain medusae. *Ibid.* pp. 200–208.

3. Natural history illustrations, prepared under the direction of Louis Agassiz, 1849. The anatomy of Astrangia Danae. Six lithographs from drawings by A. Sonrel. Explanation of the plates, by J. W. Fewkes. Smithsonian Miscellaneous Publications, no. 671. Washington, D.C. 1889. 4°. pp. 20. *plates* 6.
4. A preliminary notice of a stalked bryozoon [Ascorhiza occidentalis]. *Ann. and Mag. Nat. Hist.* vol. iii. no. 13, pp. 1–6.
5. On a new Athorybia. *Ibid.* vol. iii. no. 15, pp. 207–210.
6. On Angelopsis, and its relationship to certain siphonophora taken by the "Challenger." *Ibid.* vol. iv. pp. 146–155.
7. A corner of Brittany. *American Naturalist*, Feb. 1889; vol. xxiii. 95–109.
8. Across the Santa Barbara Channel. *Ibid.* April, May, 1889; xxiii. 211–217, 387–394.
9. Observations on certain European zoölogical gardens and aquaria. *Boston daily Transcript.*
10. Report on the medusae collected by the United States Fish Commission steamer "Albatross" in the region of the Gulf Stream in 1885–86. *Ann. Report of the U. S. Commission of Fish and Fisheries* for 1886, pp. 512–536. *Also* separately. Washington. 1889. pp. 26, *plate* 1.
11. A few California medusae. *Am. Naturalist*, July, 1889; iii. 591–602, *plates* 6.
12. Echinodermata, vermes, crustacea, and pteropod mollusca [collected by the U. S. expedition to Lady Franklin Bay, Grinnell Land.] *International Polar expedition. Report of the Proceedings of the United States Expedition to Lady Franklin Bay, Grinnell Land.* By A. W. Greely. Vol. ii. Washington, D.C. 1888. 4°. Appendix no. 133. pp. 47–53, *plates* 2.

U. S. Documents. 49th Cong. 1st Sess. House Misc. Doc. 393. pt. 2.

13. Two articles of an earlier date by Dr. Fewkes: "On a new parasite of Amphiua," "A new marine larva and its affinities," have been reprinted in the *Annals and Magazine of Natural History.*
14. Dr. Fewkes edited the first parts of vol. xxiv. of the *Proceedings of the Boston Society of Natural History.*

Thomas Fillebrown.

Professor of Operative Dentistry.

1. A text book of operative dentistry. Written by invitation of the National Association of Dental Faculties. Philadelphia. P. Blakiston, Son & Co. 1889. 4°. pp. 273, *illustr.*
2. A new method of excisions of the inferior dental nerve, with cases. *Internat. Dental Journ.* 6 Feb. 1889.

Theodore Willis Fisher.

Lecturer on Mental Diseases.

1. Fiftieth report of the Boston Lunatic Hospital for the year 1888. Boston. Rockwell & Churchill. 1889. 8°. pp. 49.
2. Cerebral localization. Reprint from *Am. Journ. of Insanity*, Oct. 1889. Utica, N. Y. 8°. pp. 13.

Reginald Heber Fitz.

Shattuck Professor of Pathological Anatomy.

1. The diagnosis and medical treatment of acute intestinal obstruction. *Trans. Congr. Am. Phys. and Surg.* 1889; i. 1. Also, *Boston Med. and Surg. Journ*, 8, 15 Nov. 1888; cxix. 445–449, 469–472. *Also* separately. Boston, Cupples & Hurd. 1889. 16°. pp. 64. [Medical Monographs. No. 1.]

Read before the Congress of American Physicians and Surgeons in Washington, D. C., September 18, 1888.

2. Acute pancreatitis: a consideration of pancreatic haemorrhage, haemorrhagic, suppurative, and gangrenous pancreatitis, and of disseminated fat-necrosis. *N. Y. Med. Rec.* 1889: xxxv. 197. — *Phila. Med. News*, 1889; liv. 197. — *Boston Med. and Surg. Journ.* 21, 28 Feb., 7 Mar. 1889; cxx. 181, 205, 229. *Also* separately. Boston. Cupples & Hurd. 1889. 16°. pp. 91. [Medical Monographs. No. 2.]

The Middleton Goldsmith Lecture for 1889, delivered before the New York Pathological Society, 16 February, 1889.

Kuno Francke.

Assistant Professor of German.

1. Individualism as a force in German literature. *Unitarian Review*, June, 1889; xxxi. 481–496.

Samuel Garman.

Assistant in Herptology and Ichthyology at the Museum of Comparative Zoölogy.

1. On the lateral canal system of the selachia and holocephala. *Bull. Mus. Comp. Zoöl.* Sept. 1888; xvii. no. 2, pp. 57–119, *plates* 53.
2. On salmon and landlocked salmon. *Forest and Stream*, 18 Oct. 1888; pp. 248.
3. A large carp and its history. *Boston Soc. Nat. Hist.* xxiv. pp. 168–170.
4. On the evolution of the rattlesnake. *Ibid.* xxiv. pp. 170–182, *plates* 2.
5. The batrachia of Kalm's "En resa til norra America." *Bull. Essex Inst.* xx. 11.
6. On the age of the Andean medal. *Ibid.* June, 1889; 95–98, *plate* 1.
7. Book notices and reviews in the *Nation.*

George Washington Gay.

Clinical Instructor in Surgery.

1. Surgical abstract. *Med. and Surg. Reports of the City Hospital, Boston.* 4th series. Boston. 1889. pp. 206–221.

George Lincoln Goodale.

Fisher Professor of Natural History; Director of the Botanic Garden.

1. The principles of physiological botany, applied to forestry and horticulture. *Garden and Forest*, twenty numbers from 2 Jan. 1889, to 24 April, 1889, inclusive.

2. Assimilation by colored and variegated leaves. *Am. Journ. Sci.* Aug. 1889; 3d ser. xxxvi. 159.

3. Heather in Townsend, Mass. *Ibid.* Oct. 1889; 3d ser. xxxvi. 296.

4. Color granules in flowers and fruit. *Ibid.* Dec. 1889; 3d ser. xxxvi. 472–474.

5. Thirty critical notices in the *American Journal of Science* (of which paper Professor Goodale is an associate editor), from Aug. 1888, to July, 1889, inclusive.

6. Protoplasm and its history. Reprinted from the *Botanical Gazette*, Oct. 1889; xiv. 235–246. 8°.

Address delivered as Vice-President of the Biological Section of the American Association for the Advancement of Science, at Toronto, August 28, 1889.

George Angier Gordon.

Preacher to the University.

1. The demons and the swine. *Christian Union*, 17 Jan. 1889.

2. Dr. Manning's sermons and addresses. *Ibid.* 21 Nov. 1889.

3. "Robert Elsmere." B. 1888. 8°. pp. 15.

Address delivered 16 Nov. 1888. Two editions have appeared.

George Franklin Grant.

Instructor in Treatment of Cleft Palate and Cognate Diseases.

1. The treatment of congenital palate fissures. *Boston Med. and Surg. Journ.* 28 Feb. 1889; cxx. 213.

***Asa Gray.**

Fisher Professor of Natural History, 1842–1888; *Director of the Herbarium*, 1883–1888.

1. Scientific papers of Asa Gray. Selected by Charles Sprague Sargent. 2 vols. Boston, etc. Houghton, Mifflin & Co. 1889. 8°. pp. viii. 397, iv. 503.

Contents: — I. Reviews of works on Botany and related subjects. 1834–1887. — II. Essays; biographical sketches. 1841–1886. The Essays include the following papers: European herbaria. Notes of a botanical excursion to the mountains of North Carolina. The longevity of trees. The flora of Japan. Sequoia and its history. Do varieties wear out or tend to wear out? Aestivation and its terminology. A pilgrimage to Torreya. Notes on the history of Helianthus tuberosus. Forest geography and archaeology. The pertinacity and predominance of weeds. The flora of North America. Gender of names of varieties. Characteristics of the North American flora.

John Chipman Gray.

Royall Professor of Law.

1. Select cases and other authorities on the law of property. Vol. ii., iii. Cambridge. Charles W. Sever. 1889. 8°. pp. 792, 815.

2. Cases and treatises. *Am. Law Review*. Sept. Oct. 1888; xxii. 756.

Charles Montraville Green.

Instructor in Obstetrics.

1. A case of rupture of the uterus in labor at term, the child being born alive. Recovery of the mother, and subsequent delivery of a full-term child in normal labor. *Trans. Am. Gynaecol. Soc.* 1888; xiii. 209. *Also* printed separately.

2. Report on progress in obstetrics. *Boston Med. and Surg. Journ.* 17 Jan. 1889; cxx. 62.

3. Reviews of obstetrical works, and occasional editorials in the *Boston Med. and Surg. Journ.*

John Orne Green.

Clinical Professor of Otology.

1. Ear-disease in diphtheria. *Boston Med. and Surg. Journ.* 21 Mar. 1889; cxx. 291.

2. Clinical observations in aural practice: malignant disease of the ear; parotid tumors due to inflammation of the tympanum. *Ibid.* 18 July, 1889; cxxi. 53–56.

Francis Boott Greenough.

Clinical Instructor in Syphilis.

1. Primary syphilitic lesions at the meatus urinarius. *Journal of Cutaneous and Genito-urinary Diseases*, July, 1889. *Also* reprinted separately by D. Appleton & Co. New York. 1889.

Read at the third annual meeting of the American Association of Genito-urinary Surgeons, at Newport, R.I., 2 May, 1889.

James Bradstreet Greenough.

Professor of Latin.

1. Allen and Greenough's Latin grammar for schools and colleges. Founded on comparative grammar. Revised and enlarged by James Bradstreet Greenough, assisted by George L. Kittredge. Boston, etc. Ginn & Co. 1888. 12°. pp. xiii. 488.

2. The state of religious feeling among the Romans. *Harvard Monthly*, July, 1889; viii. 169–179.

Hermann August Hagen.

Professor of Entomology.

1. Stray notes on myrmelionidae. Part v. (End). (Dendroleon, myrmelion). *Canadian Entomologist*. Oct., Nov. 1888; 185–191, 205–209.

2. Dr. Christian Zimmermann. (Life.) *Ibid.* March, April, 1889; 53–57, 71–73.

3. Die Spaltung eines Flügels um das doppelte Adernetz zu zeigen. *Zoologischer Anzeiger* (Leipzig, Carus), 1889: xii. 377, 378, *photo.* 1.

4. The female of Eutermes Ripperti. *Psyche*, 1889; v. 203–208.

5. Do animals count? *Nature*. Aug. 1889: xl. 319.

6. Ueber die früheren Zustände der Libellen nebst Andeutung über Bildung des Thorax. *Stettiner Entomologische Verein*, Aug. 1889; l. 1–5.
7. Lac insects. *Psyche*, Feb., Mar. 1889; v. 168.

Edwin Herbert Hall.

Assistant Professor of Physics.

1. Experiments on the effect of magnetic force on the equipotential lines of an electric current. *Am. Journ. Sci.* Oct. 1888; 3d series, xxxvi. 277.

Continued from the August no. of same journal.

Thaddeus William Harris.

Instructor in Geology.

1. Edited the "New Church Almanac," issue for for 1889. Boston. New Church Union. 1888. 8°.

Albert Bushnell Hart.

Assistant Professor of History.

1. Address delivered at the celebration by the Connecticut Historical Society of the 250th anniversary of the adoption of the first constitution. *Birthday of the State of Connecticut. Celebration of the 250th anniversary*, etc. Hartford. 1889. 8°.

Adams Sherman Hill.

Boylston Professor of Rhetoric and Oratory.

1. Colloquial English. *Harper's New Monthly Mag.* Jan. 1889; lxxviii. 272–279.
2. Our English. New York. Harper & Bros. 1889. 16°. pp. (8), 245.

Contents:—English in schools.—English in colleges.—English in newspapers and novels.—English in the pulpit.—Colloquial English.

These articles had already appeared in Harper's (1, 5) and Scribner's (2, 3) magazines, and in the Christian Register (4).

Henry Barker Hill.

Professor of Chemistry.

1. Ueber ein Methylfurfurol und die entsprechende Methylbrenzschleimsäure. *Ber. d. deutsch. chem. Gesellsch.* March, 1889; xxii. 607.
2. On substituted pyromucic acids. Second paper. With A. W. Palmer. *Proc. Am. Acad.* xxiv. 188–222; also *Am. Chem. Journ.* Nov. 1888; xi. 409–425.
3. On chlorpyromucic acids. With L. L. Jackson. *Proc. Am. Acad.* xxiv. 320–364.

Nos. 2, 3, belong to the series *Contributions from the Chemical Laboratory at Harvard College*; no. 3 has been issued in a pamphlet with two other papers by H. B. Gibson and C. F. Kahnweiler, and W. S. Hendrixson.

William Barker Hills.

Assistant Professor of Chemistry.

1. The value of mercuric chloride as a practical disinfectant. *Boston Med. and Surg. Journ.* 21 Feb. 1889; cxx. 190–193.
2. Report on medical chemistry. *Ibid.* 4 April, 1889; cxx. 335–339.
3. The chemistry of arsenic. *Ibid.* 15, 22 Aug. 1889; cxxi. 152–155, 177–179.

Read before the Massachusetts Medico-Legal Society, 3 Oct. 1888.

4. Reviews of chemical works. *Ibid.*
5. Poisoning by thallium. *Reference Hand-book of the Medical Sciences.* Ed. A. H. Buck, M.D. New York. William Wood & Co. 1889. Vol. vii. 52.
6. Poisoning by tin. *Ibid.* vol. vii. pp. 101, 102.

Oliver Wendell Holmes.

Parkman Professor of Anatomy, Emeritus.

1. To James Russell Lowell, at the dinner given in his honor at the Tavern Club, on his seventieth birthday, 22 February, 1889. *Atlantic Monthly*, April, 1889; lxiii. 556–558.
2. A poem read at the dedication of the new public library building, Boston. *Boston Advertiser*, 29 Nov. 1888.
3. Address before the Boston Medical Library Association. *Boston Med. and Surg. Journ.* 7 Feb. 1889; cxx. 129, 130.

Delivered to the Association at the formal presentation of Dr. Holmes's medical library, 29 Jan. 1889.

John Homans.

Clinical Instructor in the Diagnosis and Treatment of Ovarian Tumors.

1. A case of semi-solid tumor of the right ovary, simulating an uterine fibroid: ovariotomy; cure. Hysterectomy for the removal of an uterine fibroid; cure. *Boston Med. and Surg. Journ.* 24 Jan. 1889; cxx. 79, 80.
2. Detached uterine fibroid. *Ibid.* 14 Feb. 1889; cxx. 165, 166.
3. A successful case of nephrectomy for the removal of cancer of the right kidney. *Ibid.* 6 June, 1889; cxx. 565. Also in the *Transactions of the American Surgical Association.* vol. vii. Philadelphia. 1889. p. 157.

Franklin Henry Hooper.

Clinical Instructor in Laryngology.

1. Effects of varying rates of stimulation on the action of the recurrent laryngeal nerves. *New York Med. Journ.* 3 Nov. 1888; xlviii. 485. *Also* separately. 8°. pp. 8.

Based upon experiments conducted in the Physiological laboratory of the Harvard Medical School.

2. The mechanical effects of adenoid vegetations in children. *Med. and Surg. Reports Boston City Hospital.* Fourth series. 1889. p. 57. *Also* separately. Boston. 1889. 8°. pp. 15, *illustr.*

Oliver Whipple Huntington.

Instructor in Mineralogy and Chemistry.

1. The crystalline structure of the Coahuila irons. *Proc. Am. Acad.* vol. xxiv. 30 (Oct. 1888).

2. Features of crystalline growth. *Ibid.* vol. xxiv. 313–319 (June, 1889), *plate* 1, *cuts.* Also issued separately.

Alpheus Hyatt.

Assistant in Palaeontology at the Museum of Comparative Zoölogy.

1. Introduction to "Three Kingdoms: a handbook of the Agassiz Association." 7th ed. 1888. (pp. vii.–x.)
2. Notes on various genera of ammoids and description of Arniotites and Dorikranites in Whiteave's "Fossils of triassic rocks of British Columbia." pp. 140–148. *Contributions to Canadian Palaeontology.* Vol. i. pt. 2, no. 3. 1889.
3. Values in classification of the stages of growth and decline with propositions for a new nomenclature. *Am. Naturalist*, Oct. 1888; xxii. 872–884.
4. Mode of evolution in fossil shells. *Trans. N. Y. Acad. Sciences*, Feb.–March, 1888–89; viii. (nos. 5–6), pp. 114, 115.
5. Spencer Fullerton Baird. *Proc. Am. Acad.* 1889; xxiii. 347, 348.

Charles Loring Jackson.

Professor of Chemistry.

1. On the action of sodium malonic ester on tribromdinitrobenzol. With W. S. Robinson. *Proc. Am. Acad.* xxiv. 1–13. Also *Am. Chem. Journ.* Feb. 1889; xi. 93–105.
2. On sodic zincates. With A. M. Comey. *Ibid.* xxiv. 14–23. Also *Am. Chem. Journ.* March, 1889; xi. 145–154.
3. On pentamidobenzol. With A. W. Palmer. *Ibid.* xiv. 105–112.
4. Ueber die Constitution von Bromdinitrophenylmalonsäure ester. *Ber. d. deutsch. chem. Gesellsch.* 1889; 1232, 1233.
5. On the action of sodium malonic ester on tribromdinitrobenzol. Second paper. With W. S. Robinson. *Proc. Am. Acad.* xxiv. 234–249.
6. On the action of sodium malonic ester upon tribromtrinitrobenzol. With George Dunning Moore. *Ibid.* xxiv. 256–270.
7. On the action of sodium acetacetic ester upon tribromdinitrobenzol. With George Dunning Moore. *Ibid.* xxiv. 271–287. Preliminary notice. *Ber. d. deutsch. chem. Gesellsch.* 1889; 990, 991.
8. On tetrabromdinitrobenzol. With W. D. Bancroft. *Ibid.* xxiv. 288–305. Preliminary notice. *Ber. d. deutsch. chem. Gesellsch.* 1889; 603, 604.
9. General considerations in regard to certain compounds prepared from bromnitrobenzols. *Ibid.* xxiv. 306–312.

Nos. 1, 2, 5–9, belong to the series: *Contributions from the Chemical laboratory of Harvard College.*

William James.

Professor of Philosophy.

1. Réponse aux remarques de M. Renouvier sur ma théorie de la volonté. *Critique Philosophique*, Dec. 1888; new series, 4th year, vol. ii, pp. 401–409.
2. The psychological theory of extension. *Mind*, Jan. 1889; xiv. 107–109.
3. Note on Professor Minot's "Report on diagram tests." *Proc. Am. Soc. Psychical Research*, March, 1889; i. 317–320.
4. Notes on automatic writing. *Ibid.* pp. 548–565.
5. The psychology of belief. *Mind*, July, 1889; xiv. 321–353.

William Albert Keener.

Story Professor of Law.

1. A selection of cases on the law of quasi-contracts. Vol. ii. Cambridge. Sever. 1889. 8°. pp. 648.

Vol. i. appeared in 1888.

George Lyman Kittredge.

Instructor in English.

1. Allen and Greenough's Latin grammar for schools and colleges. Founded on comparative grammar. Revised and enlarged by James Bradstreet Greenough, assisted by George L. Kittredge. Boston, etc. Ginn & Co. 1889. 12°. pp. xiii. 488.
2. Revised the notes for book ii. of the new edition of *Caesar's Gallic War*, ed. J. H. and W. F. Allen and H. P. Judson. Boston. Ginn & Co. 1889. (pp. 66–119.) With J. B. Greenough.
3. University and school extension (Brooklyn, N. Y.) syllabi of courses in English. 1889.

Contents: — 1. Chaucer, pp. 2. — 2. Shakspere, pp. 4. — 3. Masterpieces of the seventeenth and eighteenth centuries, pp. 10. — 4. Nineteenth century, pp. 9.

4. John Heywood and Chaucer. *Am. Journ. Philol.* Dec. 1888; ix. 473, 474.
5. Supposed historical allusions in the Squire's Tale. *Englische Studien* (Heilbronn), April, 1889; xiii. 1–24.
6. Chaucer's Dreme. *Ibid.* 24, 25.
7. Launfal. (Rawlinson version). *Am. Journ Philol.* April, 1889; x. 1–33.

Philip Coombs Knapp.

Clinical Instructor in Diseases of the Nervous System.

1. Nervous affections following injury: "Concussion of the spine," "Railway spine," and "Railway brain." *Boston Med. and Surg. Journ.* 1, 8 Nov. 1888; cxix. 421, 449. Also *Journ. Nervous and Mental Disease*, Oct. 1888; xv. 621. *Also* reprinted. Boston. Cupples & Hurd. 1888. 16°. pp. 35.

2. Some post-hemiplegic disturbances of motion in children. *Boston Med. and Surg. Journ.* 22 Nov. 1888; cxix. 495. *Also* reprinted. Boston. Cupples & Hurd. 1888. 16°. pp. 12.
3. A case of tumor of the brain: removal; death. With Dr. E. H. Bradford. *Ibid.* 4, 11, 18 April, 1889; cxx. 325, 353, 378. Also *Medical and Surgical Reports of the Boston City Hospital*, vol. iv. 103. *Also* reprinted for private circulation. 1889. 8°. pp. 43. *illustr.*
4. A "dictionary superstition." *Boston Med. and Surg. Journ.* 31 Jan, 1889; cxx. 125.

Frederick Irving Knight.

Clinical Professor of Laryngology.

1. Case of bronchial asthma, apparently caused by foreign body in the lung. *Boston Med. and Surg. Journ.* 17 Jan. 1889; cxx. 64, 65.
2. The climatic treatment of bronchial asthma. *Med. News* (Philadelphia), 7 Sept. 1889; lv. 253.

William Coolidge Lane.

Assistant Librarian of Harvard University.

1, Dante bibliography for the year 1888. *Eighth Ann. Rept. Dante Society*, pp. 81–98.
2. Report on aids and guides for readers. *Library Journal*, May–June, 1889; xiv. 256–259.
3. The Dante collections of the Harvard College and Boston Public Libraries. Continued and concluded. *Harv. Univ. Bull.* Oct. 1888; Jan., May, 1889; v. 259, 328, 397.

Christopher Columbus Langdell.

Dane Professor of Law, and Dean of the Law Faculty.

1. A brief survey of equity jurisdiction. iv. *Harvard Law Review*, Jan. 1889; ii. 241–267.

Charles Rockwell Lanman.

Professor of Sanskrit.

1, 2. Edited, as corresponding secretary: — *Proceedings of the American Oriental Society*, (1) at Baltimore, Oct. 1887; (2) at Boston, May, 1888; 2 vols. New Haven, Conn. 1888. 8°. pp. lxxiii., xxxiii.

Identical with *Journal* of the Society, vol. xiii. pp. cciv.–ccevii.

3. A Sanskrit reader: with vocabulary and notes. Parts I. and II. Text and vocabulary. 1st edition, 2d issue; part III. Notes. 1st edition, 1st issue. Boston. 1888. roy. 8°. pp. xx., 2, and 405.
4. The same. Part III. Notes. 1st edition, 1st issue. [Separate.] Boston. 1889 [1888]. roy 8°. pp. 295–405.
5. Parts of Nala and Hitopadeça in English letters: prepared by C. R. Lanman. Boston. 1889. roy. 8°. pp. (6) 44.
6. To Bombay from Trieste. *Nation*, 21 Feb. 1889.

Also contained in *Times of India*, Bombay, 3 May, 1889.

7. Oriental studies in America. Abstract in *Journal of the Bombay Branch of the Royal Asiatic Society*, 1889.

Also contained in *Times of India*, 18 Jan. 1889; *Trübner's Record*, 3d series, vol. i. pp. 11–12.

8. The Namuchi-myth; or an attempt to explain the text of Rigveda viii.14.13. Read at Calcutta. 6 March, 1889, before the Asiatic Society of Bengal. *Journal* of the Society, vol. lviii., part I., no. 1, of 1889.

William Lawrence.

Preacher to the University.

1. Proportional representation in the house of deputies of the general convention. *Church Review*, Oct. 1888; lii. 330–342.

Daniel David Lee.

Instructor in Anatomy and in Operative Veterinary Surgery.

1. A common leison in the horse. *Journ. Comp. Med. and Surg.* (Philadelphia), Oct. 1888; pp. 389.
2. Laryngotomy for the relief of roaring. *Ibid.* April, 1889; pp. 160.

Joseph Lovering.

Hollis Professor of Mathematics and Natural Philosophy, Emeritus.

1. The Mécanique Céleste of Laplace, and its translation with a commentary by Bowditch. *Proc. Am. Acad.* 1889, xxiv. 185–201.
2. An address delivered at the meeting of April 10, 1889, when the Rumford medals were presented to Professor A. A. Michelson. *Ibid.* 1889; xxiv. 380–401.
3. Resolutions and remarks in commemoration of the late Professor Asa Gray. *Ibid.* 1889; xxiv. 406, 407.
4. Biographical notice of the late President F. A. P. Barnard of Columbia College. *Ibid.* 1889; xxiv. 441–445.
5. Report for 1887–88 as Director of the Jefferson Physical Laboratory. *Annual Report of the President and Treasurer*, 1887–88. Cambridge. 1889. pp. 144–149.

James Russell Lowell.

Smith Professor of the French and Spanish Languages and Literatures, and Professor of Belles-Lettres, Emeritus.

1. The English poets; Lessing, Rousseau; essays, with "an apology for a preface." London. Scott. 1888. 16°. pp. x. 337.

This volume, published in the *Camelot series*, contains the early essays: Spenser, Shakespeare once more, Milton, Wordsworth, Keats, Lessing, Rousseau and the sentimentalists. The "apology for a preface" is dated 13 Oct. 1888.

2. How I consulted the oracle of the gold fishes. *Atlantic Monthly*, August, 1889; lxiv. 145–150.

David Gordon Lyon.

Hollis Professor of Divinity.

1. Report of the recent meeting of the American Oriental Society in Philadelphia. The *Independent*, 15 Nov. 1888; pp. 14, 15. The *Evening Transcript* (Boston), 19 Nov. 1888.
2. Assyrian and Babylonian royal prayers. *Proc. Am. Orient. Soc.* (New Haven, Conn.), Oct., Nov. 1888, pp. xciii., xciv.
3. The pantheon of Assurbanipal. *Ibid.* pp. xciv., xcv.
4. Semitic studies in America. *Hebraica*, Oct. 1888; v. 90, 91.
5. A lapislazuli disc bearing a cuneiform inscription. *Proc. Am. Orient. Soc.* (New Haven, Conn.), May, 1889, pp. cxxxiv.–cxxxvii.
6. An unpublished Nebuchadnezzar cylinder. *Ibid.* pp. cxxxvii.
7. Five public lectures, delivered at Harvard University, on Babylonian books, March and April, 1889. Reported by the *Boston daily Post*, 22. 30 March; 3 April, 1889.

Alexander McKenzie.

Preacher to the University.

1. The ideal and material in our national life. Commencement address at Lasell Seminary for Young Women, 16 June, 1889. pp. 22.
2. Address at the celebration of the 250th anniversary of the gathering of the first church in Dedham, Mass., 19 November, 1888. *Commemorative services*, etc. Dedham. 1888. pp. 105–107.
3. Address at the 83d anniversary celebration of the New England Society in the city of New York, 22 Dec. 1888. *The 83d Anniversary Celebration*, etc., New York, 1889. pp. 26–35.
4. The problem of the second service on Sunday. *Andover Review*, Feb. 1889; xi. 132–144.

Edward Laurens Mark.

Hersey Professor of Anatomy.

1. Trichinae in swine. *Twentieth Ann. Report of the State Board of Health of Massachusetts.* Boston. 1889. pp. 113–134. *Also* issued separately.

Amos Lawrence Mason.

Instructor in Clinical Medicine.

1. Diphtheria, scarlet fever and measles. A summary of two thousand cases admitted to the Boston City Hospital since 1880. *Medical and Surgical Reports of the City Hospital of the City of Boston.* Fourth series. 1889. pp. 165–183.
2. Remarks on diphtheria in Boston. *Boston Med. and Surg. Journ.* 14 March, 1889; cxx. 263.

Horatio Cook Meriam.

Instructor in Operative Dentistry.

1. Professional atmosphere and morals; or, Patents and secrets *vs.* liberal profession. Address delivered before the New York Odontological Society, 19 March, 1889, at the New York Academy of Medicine. Reprinted. 1889. 8°. pp. 23.

This paper originally appeared in *Cosmos*, June, 1889; xxxi.

Charles Sedgwick Minot.

Assistant Professor of Histology and Embryology.

1. Second report on experimental psychology: upon the diagram tests. *Proc. Am. Soc. Psych. Research*, March, 1889; i. 302–317.
2. Open letter concerning telepathy. *Ibid.* pp. 547, 548.

Francis Minot.

Hersey Professor of the Theory and Practice of Medicine.

1, 2. The articles on Atelectasis pulmonum, and Croupous pneumonia, in *Keating's Cyclopaedia of the Diseases of Children*, vol. ii. Philadelphia. 1889. 8°.

3. The progress of medicine during the last fifty years. *Boston Med. and Surg. Journ.* 12 Sept. 1889; cxxi. 269, 270.

The President's address before the Association of American Physicians, delivered at Washington, Wednesday, 18 September, 1889.

Samuel Jason Mixter.

Demonstrator of Anatomy.

1. A case of Porro's operation, performed on account of multiple myomata, saving both mother and child. *Boston Med. and Surg. Journ.* 8 Nov. 1888; cxix. 455–457. *cut.*
2. A case of compound fracture of the skull; with extensive laceration of the brain; recovery. *Ibid.* 13 June, 1889; cxx. 580, 581.

Morris Hicky Morgan.

Tutor in Greek.

1. Notes on Persius. *Classical Review*, Feb., July, 1889; iii. 10, 314.
2. On the vestal fire. *Proc. Am. Philol. Assoc.* July, 1888; p. xxii.

Otis Kimball Newell.

Assistant Demonstrator of Anatomy.

1. Diagnosis of tumors of the bladder and stone with the cystoscope. *Boston Med. and Surg. Journ.* 18 April, 1889; cxx. 381, 382, *illustr.*

Charles Eliot Norton.

Professor of the History of Art.

1. Letters of Thomas Carlyle. 1826–1836. Edited by Charles Eliot Norton. London. 1888. 2 vols. 8°.

2. The intellectual life of America. *New Princeton Review*, Nov. 1888; vi. 312–324.
3. A definition of the fine arts. *Forum*, March, 1889; vii. 30–40.
4. The lack of old homes in America. *Scribner's Magazine*, May, 1889; v. 636–640.
5. Rawdon Brown, and the gravestone of "Banished Norfolk." *Atlantic Monthly*, June, 1889; lxiii. 740–745, *illustr.*
6. A last word on the excavations at Delphi. *Nation*, 29 August, 1889; xlix. 169, 170.
7. The tenth annual report of the council of the Archaeological Institute of America. 1888–89. With appendices (by other writers). Boston. 1889. 8°. pp. 108.

John Knowles Paine.

Professor of Music.

1. Symphonic poem: An island phantasy, for orchestra. Opus 44.

First performed, by the Boston symphony orchestra, April, 1889. First performed in New York by the New York Philharmonic Society, Theodore Thomas, conductor, 11, 12 January, 1890.

2. Nocturne in B flat major, for pianoforte. Opus 45. Boston. Arthur P. Schmidt. 1889.

George Howard Parker.

Instructor in Zoölogy.

1. State Board of Health on Springfield's water supply: the report of the Biologist. *Springfield daily Republican*, 24 Sept. 1889.

Andrew Preston Peabody.

Preacher to the University, and Plummer Professor of Christian Morals. Emeritus.

1. Self-respect: Baccalaureate sermon to the Class of 1889. *Class of* 1889: *Baccalaureate sermon*, etc. Cambridge. 1889. 8°. *Also* separately. Cambridge. 1889. 8°. pp. 11.
2. Classic and Semitic ethics: a lecture delivered at Worcester in October, 1888. *Andover Review*, Dec. 1888; x. 561–576.
3. Our forerunners. *Unitarian Review*, March, 1889; xxxi. 193–212.

Written for the Channing Hall course of lectures, with the title, "Early New England Unitarians," and delivered in December, 1888.

4. Memoir of James Freeman Clarke. *Proc. Mass. Hist. Soc.* 2d series. vol. iv. *Also* separately. Cambridge. 1889. 8°. pp. 21.
5. Hopkinsianism. *Proc. Am. Antiquarian Soc.* 22 Oct. 1888; n. s. v. 437–461. *Also* separately. Worcester. 1889. 8°. pp. 27.

Gives several letters on theology which passed between Samuel Hopkins and Roger Sherman.

Francis Greenwood Peabody.

Plummer Professor of Christian Morals.

1. The social problem in East London. A review of: "Life and labor in East London." By Charles Booth. *Christian Union*, Sept. 1889.

Benjamin Osgood Peirce.

Hollis Professor of Mathematics and Natural Philosophy.

1. A short table of integrals. Boston. Ginn & Co. 1889. 32 pp. 8°.

This is a second edition much enlarged.

2. On the charging of condensers by galvanic batteries. I. With R. W. Willson. *Proc. Am. Acad.* 1889; xxiv. 146–163.

Edward Charles Pickering.

Paine Professor of Practical Astronomy, and Director of the Observatory.

1. Edited Annals of the Astronomical Observatory of Harvard College. xviii. 6–9, xix. 1, xx. 1. 2. Cambridge. 1889. 4°. *See* p. 5.
2. Forty-third annual report of the Director of the Astronomical Observatory. Cambridge. 1888. 8°. pp. 11. Reprinted in part in *Observatory*, Feb. 1889; xii. 111.
3. Henry Draper memorial. Third annual report of the photographic study of stellar spectra conducted at the Harvard College Observatory. Edward C. Pickering, Director. Cambridge. 1888. 4°. pp. 8.

Reprinted in *Nature*, 2 May, 1889; xl. 17.

4. Bruce photographic telescope. 1889. 4°. p. 1.
5. A large photographic telescope. 1889. 4°. pp. 4.
6. Beobachtungen des veränderlichen Sterns Z Sagittarii. *Astronomische Nachrichten*, 1889; cxxi. 188.
7. Stars having peculiar spectra. *Ibid.* 1889; cxxii. 159.
8. Photographic chart of the heavens. *Observatory*, Oct. 1889; xii. 395.

William Henry Pickering.

Assistant Professor of Astronomy.

1. Total eclipse of the moon, 28 Jan. 1888. *Annals of Harvard College Observatory*, xviii. 4. pp. 73–83, *plate* 1.

A portion of this report was contrbuted by Professor W. H. Pickering.

2. Physical aspect of the planet Mars. *Science*, 17 Aug. 1888; xii. 83.
3. The soaring of birds. *Ibid.* 11 Jan., 22 Feb., 29 March, 1889; xiii. 31, 151, 245.
4. The total solar eclipse of August, 1887. *Observatory*, 1889; xii. 213.
5. Determination of the sensitiveness of photographic plates. *International Annual of Anthony's Bulletin*, 1889; p. 185.
6. Total solar eclipse of January, 1889. *Siderial Meesenger*, 1889; p. 337.
7. The Orion nebula. *Knowledge*, July, Oct. 1889; xii. 191, 247.

Charles Burnham Porter.

Professor of Clinical Surgery.

1. Pelvic haematocele: operation by laparotomy; suture of cyst to abdominal wound; drainage; recovery. *Boston Med. and Surg. Journ.* 27 Dec. 1889; cxix. 624.
2. Is staphylorraphy preferable to mechanical appliances for cleft palate? *Ibid.* 28 Feb. 1889; cxx, 211, 212.
3. Abdominal tumor. Specimen shown at meeting of the Boston Society for Medical Improvement, 25 Feb. 1889. *Ibid.* 18 April, 1889; cxx. 385.

Abner Post.

Clinical Instructor in Syphilis.

1. Syphilis. *Cyclopaedia of the Diseases of Children.* Ed. J. M. Keating. Philadelphia. Lippincott. 1889.
2. A case of congenital dislocation of the hip successfully treated. *Med. and Surg. Reports Boston City Hospital*, 4th series, 1889; pp. 162–164.

Frederick Ward Putnam.

Peabody Professor of American Archaeology and Ethnology, and Curator of the Peabody Museum of American Archaeology and Ethnology.

1. Remarks as President Boston Society of Natural History, 7 Nov. 1888. *Proc. Boston Soc. Nat. Hist.* 1889; xxiv. 37.
2. Notice of the death of Dr. Samuel Kneeland, 7 Nov. 1888. *Ibid.* 1889; xxiv. 38–40.
3. Palaeolithic man in eastern and central America. Part iii. *Ibid.* 1889; xxiv. 141–159, *illustr.* *Also* separately printed, with papers by others on the same subject in *Palaeolithic man in eastern and central America.* Part iii. Cambridge. 1889. See p. 7.
4. Remarks on the death of Professors Gray and Baird, at meeting of the Essex Institute, May, 1888. *Bulletin Essex Institute*, 1889; xx. 147–150.
5. Remarks on the archaeology of the Potomac valley, at meeting of the Washington Anthropological Society, April, 1889. *American Anthropologist*, 1889; ii. 266–268.
6. Twenty-second annual report of the Trustees of the Peabody Museum of American Archaeology and Ethnology, presented to the President and Fellows of Harvard College, 11 Dec. 1888. 1888. pp. 40.
7. As permanent secretary of the Association, edited the *Proceedings* of the American Association for the Advancement of Science, Cleveland meeting, 1888. XXXVII. 1889. pp. 536.
8. Twenty-third annual report of the Commissioners on Inland Fisheries and Game for 1888. (Conjointly with other commissioners.) Boston. 1889. *Mass. Pub. Doc.* 1888, no. 25; pp. 81.

James Jackson Putnam.

Instructor in the Diseases of the Nervous System.

1. A case of acute fatal neuritis of infectious origin; with post-mortem examination. *Boston Med. and Surg. Journ.* 14, 21 Feb. 1889; cxx. 159, 187, *illustr.* Also *Trans. Am. Neurolog. Assoc.* 1888.
2. On chronic arsenical poisoning, especially from wall paper, based on the analysis of twenty-five cases in which arsenic was found in the urine. *Boston Med. and Surg. Journ.* 14 March, 1889; cxx. 253–256.
3. A case of hereditary muscular dystrophy. *Ibid.* 28 March, 1889; cxx. 301–305. Also *Trans. Am. Neurolog. Assoc.* 1888.

Edward Reynolds.

Assistant in Obstetrics.

1. Version. *Reference Handbook of the Medical Sciences.* Philadelphia. Wood. 1889.
2. The treatment of post-nasal catarrh by the removal of nasal obstructions. With R. W. Lovett, M.D. *Boston Med. and Surg. Journ.* 28 Feb. 1889; cxx. 208–210.
3. Case of craniotomy in first labor; induced premature second labor with favorable results. *Boston Med. and Surg. Journ.* 28 March, 1889; cxx. 308, 309.
4. Modern methods in teaching clinical obstetrics. *Medical Communications Mass. Med. Soc.* 1889; vol. xiv. no. 3, pp. 379–399.

Maurice Howe Richardson.

Assistant Professor of Anatomy.

1. A case of ulcerative perforation of the transverse colon. *Boston Med. and Surg. Journ.* 1 Nov. 1888; cxix. 432–434.
2. Two cases of laparotomy for extra-uterine pregnancy. *Ibid.* 6 Dec. 1889; cxix. 549, 550.
3. A case of intestinal obstruction. *Ibid.* 27 Dec. 1888; cxix. 629, 630.
4. A successful case of cholecystotomy, for empyema of the gall-bladder and removal of calculi. *Ibid.* 25 April, 1888; cxx. 414, 415.
5. Antiseptic irrigation of the knee joint for chronic synovitis. *Ibid.* 16 May, 1889; cxx. 488, 489.
6. The surgical treatment of gangrenous hernia. *Ibid.* 15, 22 Aug. 1889; cxxl. 149, 180; *also Trans. Am. Surg. Assoc.* vol. vii. pp. 191–215.

Published in abstract *Boston Med. and Surg. Journ.* 30 May, 1889; cxx. 537.

John Ritchie, Jr.

Assistant in the Observatory in charge of the Distribution of Astronomical Information.

1. Composed, edited and published *Science Observer special circulars*, nos. 83–87. Boston. 8°.

Contents: **1888.** 83. Discovery, elements and ephemeris of comet *f*, 1888, Barnard (J. M. Schæberle); discovery of asteroids Palisa (279 and 280). 7 Nov. — **1889.** 84. Discov-

ery, elements and ephemeris of comet *b*, 1889, Barnard (Schæberle). 9 Apr. — **85.** Elements and ephemeris of comet *c*, 1889, Barnard (Leuschner). 2 July. — **86.** Discovery, elements and ephemeris of comet *d*, 1887, Brooks (S. C. Chandler); error in Swift's reported comet; Discovery of comet *e*, 1889, Davidson. 26 July. — **87.** Elements and ephemeris of comet *e*, 1889, Davidson (Safford). 19 Aug.

2. Science Observer international circulars, nos. 27–31. Berlin, Germany. 8°.

Contents: **1888. 27.** Elements and ephemeris of comet *f*, 1888, Barnard (Schæberle). 7 Nov. — **1889. 28.** Elements and ephemeris of comet *b*, 1889. Barnard (Schæberle). 9 Apr. — **29.** Elements and ephemeris of comet *c*, 1889, Barnard (Leuschner). 2 July. — **30.** Elements and ephemeris of comet *d*, 1889, Brooks (Chandler). 25 July. — **31.** Elements and ephemeris of comet *e*, 1889, Davidson (Safford). 10 Aug.

3. On snow-shoes at Jackson. *Appalachia*, v. 3.

4. Report of the Councillor of Art. (Appalachian M. Club.) *Ibid.* v. 3.

5. Report of the snow-shoe section (A. M. C.) *Ibid.* v. 3.

6. Notes to report of Councillor of Improvements (A. M. C.) *Ibid.* v. 3.

Abbott Lawrence Rotch.

Assistant in Meteorology.

1, 2. Observations made at the Blue Hill Meteorological Observatory, Massachusetts, U. S. A., in the years 1887, 1888. 2 vols. Cambridge. 1889. 4°. pp. xxi. 1–141, *plates* 7; 143–267.

Annals of the Astronomical Observatory of Harvard College, xx. 1, 2. The volume for 1887 contains a description of the observatory at Blue Hill.

3. Organization of the meteorological service in some of the principal countries of Europe. The meteorological service of Russia. *Am. Meteorol. Journ.* Oct. 1888; v. 241–259.

4. The organization of the meteorological service in some of the principal countries of Europe: France. *Ibid.* Jan. 1889; v. 393–409.

Thomas Morgan Rotch.

Assistant Professor in the Diseases of Children.

1, 2. Infant feeding, Weaning. *Cyclopaedia of the Diseases of Children.* Ed. J. M. Keating. Vol. i. Philadelphia. Lippincott. 1889.

3. Pericarditis in infancy and childhood. *Ibid.* vol. ii. 1889.

4. Notes on infant feeding: a paper read by invitation before the New York Academy of Medicine, 13 June, 1889. *Archives of Pediatrics*, July, Aug. 1889.

The same article, with some additions and alterations, as that in *Med. and Surg. Reports of the City Hospital, Boston.* 4th series. 1889. pp. 184–205.

5. Report on diseases of children. *Boston Med. and Surg. Journ.* 13 Dec. 1888, 30 May, 1889; cxix. 573, cxx. 533.

6. A description of apparatus for the sterilization of infant foods. *Ibid.* 20 Sept. 1888; cxix. 286.

7. Observations on the usual methods employed for modifying the albuminoids of milk in infant feeding. *Ibid.* 7 Feb. 1889; cxx. 130–132.

Josiah Royce.

Assistant Professor of Philosophy.

1. The practical value of philosophy. *Ethical Record* (Phila.), April, 1889; ii. 9–22.

2. Report of the committee on phantasms and presentiments (with an appendix, and comments on the cases in the appendix). *Proc. Am. Soc. Psych. Research*, 1889; i. no. 4, pp. 350–526.

3. Note on two recently reported cases of pathological and other pseudo-presentiments. *Ibid.* 565–567.

4. Reflections after a wandering life in Australasia. *Atlantic Monthly*, May, June, 1889; lxiii. 675–686; 813–828.

5. Is there a philosophy of evolution? *Unitarian Review*, July, Aug., 1889, xxxii. 1–29, 97–113.

6. Ethical courses in Harvard College. *Ethical Record*, Oct. 1889; ii. 138–143.

Charles Sprague Sargent.

Arnold Professor of Aboriculture, and Director of the Arnold Arboretum.

1. Portions of the journal of André Michaux, botanist, written during his travels in the United States and Canada, 1785 to 1796, with an introduction and explanatory notes by C. S. Sargent. *Proc. Am. Philos. Soc.* Jan.–July, 1889; xxvi. (no. 129) 1–145. *Also* issued separately.

2. Scientific papers of Asa Gray. Selected by Charles Sprague Sargent. 2 vols. Boston. Houghton, Mifflin & Co. 1889. 8°.

Contents: Vol. i. Review of works on botany and relative subjects. 1834–1887. pp. 397. — Vol. ii. Essays; biographical sketches. pp. 503. See p. 16.

3. Garden and Forest. A journal of horticulture, landscape art, and forestry. Conducted by C. S. Sargent. New York. 1888–89. f°. *Illustr.*

Published weekly. Professor Sargent has contributed 38 signed articles with much other unsigned matter. These articles include a large number under the heading "New or little known plants," running through the year, and a series entitled "Notes on North American trees," I.–XI., beginning 7 July, 1889; ii. 338.

4. Report of the Director of the Arnold Arboretum to the President of Harvard College. *Report of the President and Treasurer of Harvard College for* 1887–88.

Dudley Allen Sargent.

Assistant Professor of Physical Training, and Director of the Hemenway Gymnasium.

1. Handbook of developing exercises. Revised, enlarged, and illustrated. Cambridge. 1889. pp. 77.

2. The physical development of women. *Scribner's Magazine*, Feb. 1889; v. 172–185, *illustr.*

Arthur Searle.

Phillips Professor of Astronomy.

1. Atmospheric economy of solar radiation. *Proc. Am. Acad.* 1889; xxiv. 26.

Arthur Bliss Seymour.

Assistant in the Cryptogamic Herbarium.

1. Mr. Seymour contributed definitions of terms in cryptogamic botany falling under the letters B—G to the *Century Dictionary*, of which vols. i. ii. have appeared. (New York. Century Co. 1889.)

Nathaniel Southgate Shaler.

Professor of Geology.

1. On the geology of the Cambrian district of Bristol County, Mass. *Bull. Mus. Comp. Zoöl.* Oct. 1888; xvi. no. 2, pp. 30, *map*, *plates* 2.
2. On the occurrence of fossils of the cretaceous age on the island of Martha's Vineyard, Mass. *Ibid.* June, 1889; xvi. no. 5, pp. 10, *plates* 2.
3. The geology of Nantucket. Washington. 1889. 8°. pp. 54 (1), *maps*, *plates* 9, *cuts*.

Bulletin U. S. Geological Survey, no. 53.

4. Report on the geology of Martha's Vineyard. *Seventh Annual Report U. S. Geological Survey.* Washington. 1889. pp. 297–363, *plates* 11, *maps* 2, *cuts*. Administrative report in the same *Report*. pp. 61–65.
5. Introduction. *Nature and origin of deposits of phosphate of lime.* By R. A. F. Penrose, Jr. Washington. 1888. pp. 1–20.

Bulletin U. S. Geological Survey, no. 46.

6. Habits of the great southern tortoise. *Pop. Sci. Mo.* Nov. 1888; xxxiv. 37–42.
7. The future of Canada. *Universal Review*, 1888–89.
8. The athletic problem in education. *Atlantic Monthly*, Jan. 1889; lxiv. 79–88.
9. Discipline in American colleges. *North Am. Review*, July, 1889; cxlix. 10–15.
10. The problem of discipline in higher education. *Atlantic Monthly*, July, 1889; lxiv. 24–37.
11. The sense of honor in Americans. *North Am. Review.* Aug. 1889; cxlix. 205–214.
12. Chance or design. *Andover Review*, Aug. 1889; xii. 117–133.
13. Effects of permanent moisture on certain forest trees. *Science*, March, 1889; xiii. 176, 177.
14. Professor Shaler has contributed articles to *The Chatauquan*, and book-reviews to the *Atlantic Monthly*, *Nation*, etc.

Frederick Cheever Shattuck.

Professor of Clinical Medicine.

1–3. Articles on emphysema, asthma, hay fever. *Cyclopaedia of Children's Diseases.* Ed. Keating. Vol. i. Philadelphia. Lippincott. 1889. l. 8°.

2. Report on progress in thoracic disease. *Boston Med. and Surg. Journ.* 11 Feb. 1889; cxx. 193–196.
3. A case of intrathoracic sarcoma. *Ibid.* 10 Jan. 1889; cxx. 34, 35.
4. Myxo-chondroma of the chest. *Ibid.* 6 June, 1889; cxx. 552, 553, *cut*.
5. Address as chairman of the section on the practice of medicine, materia medica and physiology, American Medical Association. *Ibid.* 4 July, 1889; cxxi. 1–3. Also *Phila. Med. News*, 29 June, 1889; liv. 720, and *Journ. Am. Med. Assoc.* 6 July, 1889; xiii. 19.
6. Some remarks on typhoid fever, with an analysis of 129 cases in hospitals, and special reference to relapse. *Ibid.* 5 Sept. 1889; cxxi. 221–224.

Edward Stevens Sheldon.

Assistant Professor of Romance Philology.

1. Some specimens of a Canadian French dialect spoken in Maine. *Trans. and Proc. Mod. Lang. Assoc. of America*, 1887; iii. 210. Baltimore. 1888.

Samuel Sheldon.

Assistant in Physics.

1. Magnetism of nickel and tungsten alloys. With J. Trowbridge. *Proc. Am. Acad.* 1889; xxiv.
2. Neutralization of induction. With J. Trowbridge. *Ibid.* 1889; xxiv.

Daniel Denison Slade.

Lecturer on Comparative Osteology.

1. The site of old fort Massachusetts. *Mag. Am. Hist.* Oct. 1888; xx. 281–285.
2. Osteological notes. *Science*, June 1889; xiii. 488.
3. The adornment of gardens. *Garden and Forest*, 24 July, 1889; ii. 359.

Clement Lawrence Smith.

Professor of Latin and Dean of the College Faculty.

1, 2. College series of Latin authors. Edited by Clement Lawrence Smith and Tracy Peck.

1. M. Tulli Ciceronis Brutus de claris oratoribus. Edited, with an introduction and notes by Martin Kellogg, Professor of the Latin Language and Literature in the University of California. Boston and London. Ginn & Company. 1889. 8°.
2. The same. Text edition. Edited as above. Boston and London. 1889. 8°.

3. Report of the Dean of the College Faculty. *Annual Reports of the President and Treasurer of Harvard College.* 1887–88. pp. 31–83.

Freeman Snow.

Instructor in International Law.

1. Legal rights under the Clayton-Bulwer treaty. *Harvard Law Review*, May, 1889; iii. 53–77.

Charles Pratt Strong.

Assistant in Gynaecology.

1. Diseases and injuries of the cervix of the uterus. *Reference Handbook of the Medical Sciences.* Vol. vii. New York. Wm. Wood & Co. 1889. p. 473.
2. Uterus, endometritis. *Ibid.* p. 481.
3. The surgical treatment of backward displacements of the uterus. *Med. Communications Mass. Medical Soc.* 1889; xiv. 3, pp. 471–492.

Frédéric César Sumichrast.

Assistant Professor of French.

1. Le chien du capitaine, by Louis Enault, with English notes. New York. W. R. Jenkins. 1889. 24°. pp. 186; notes, pp. 159–186.
2. L'Attelage de la marquise, by Léon de Tinseau; and Une Dot, by Ernest Legouvé, with English notes. New York. W. R. Jenkins. 1889. 24°. pp. 111; notes, pp. 95–111.
3. Les trois mousquetaires, by Alexandre Dumas; edited for use in colleges and schools, with grammatical, historical, biographical and geographical notes. Boston. Ginn & Co. 1889. 8°. pp. vi. 289; notes, pp. 262–289.
4. Bailey's Physical instruction and drill. [Revised.] Halifax, N. S. T. C. Allen & Co. 1889. 12°. pp. 130.
5. Yacht voyages to Australia. *Outing*, June, 1889; xiv. 161–171.
6. The fast yachts of Great Britain in 1888. *Ibid.* Sept. 1889; xiv. 401–407.
7. Halifax as a summer resort. *Halifax Carnival Mail*, Aug. 1889, *illustr.*
8. Some forgotten international races. *Boston Globe.*
9. Yachting at the antipodes. *Ibid.*
10. Yachting in Nova Scotia. *Ibid.*
11. Letters from Boston. *Morning Chronicle* (Halifax, N. S.).
12. Letters on yachting in America. *Field* (London).

Frank William Taussig.

Assistant Professor of Political Economy.

1. How the tariff affects wages. *Forum*, Oct. 1888; vi. 167–175.
2. Political economy and business. *Harvard Monthly*, June, 1889; viii. 127–133.
3. The tariff literature of the campaign. *Quarterly Journal of Economics*, 1889; iii. 212–218.
4. Some aspects of the tariff question. *Ibid.* April, 1889; iii. 259–292.

James Bradley Thayer.

Professor of Law.

1. Letter upon the constitutional prohibition of the sale of intoxicating liquors. *Cambridge Tribune*, 9 March, 1889.
2. Various unsigned contributions to the *Nation.*

Joseph Henry Thayer.

Bussey Professor of New Testament Criticism and Interpretation.

1. The authorship of the fourth Gospel and other critical essays selected from the published papers of the late Ezra Abbot. Boston. George H. Ellis. 1888.

Edited, with brief preface, by Professor Thayer. *See* p. 11.

2. A Greek-English lexicon of the New Testament, being Grimm's Wilke's Clavis Novi Testamenti, translated, revised and enlarged by J. H. Thayer. Corrected edition. New York. Harper & Bros. 1889. 4°. pp. xx. 728.

William Roscoe Thayer.

Instructor in English.

1. Garibaldi's early years. *Atlantic Monthly*, Oct. 1888; lxii. 482–499.
2. The makers of new Italy. *Ibid.* Nov. 1888; lxii. 656–667.
3. The close of Garibaldi's career. *Ibid.* Dec. 1888; lxii. 758–765.
4. Aspects, Christian and human. *Open Court* (Chicago), 28 Feb., 7 March, 1889; iii. 1491, 1500.
5. The secret: a poem. *Atlantic Monthly*, Sept. 1889; lxiv. 360.

William Hopkins Tillinghast.

Assistant Librarian, and Editor of the Quinquennial Catalogue.

1. The geographical knowledge of the ancients considered in relation to the discovery of America. *Narrative and Critical History of America.* Ed. Justin Winsor. Vol. i. Boston, etc. Houghton, Mifflin & Co. 1889. Chap. 1, pp. 1–52, *illustr.*
2. Fifth list of the publications of Harvard University and its officers, with the chief publications on the University. 1887–88. Cambridge. 1889. pp. 28.

Bibliographical contributions of Harvard College Library, no. 33.

3, 4. Necrology of Harvard graduates in each number of the *Harvard University Bulletin.* Necrology for 1888–89. *Boston Daily Advertiser, Post, Journal*, etc. 26 June, 1889.

Charles Wendell Townsend.

Assistant in Obstetrics.

1. Two difficult cases of breech presentation, with remarks. *Boston Med. and Surg. Journ.* 3 Jan. 1889; cxx. 5–7.
2. Acute lobar pneumonia in children. *Archives of Pediatrics*, March and April, 1889; vi. 148–160, 213–222.
3. The mortality of acute lobar pneumonia. Jointly with Dr. A. Coolidge, Jr. *Trans. Am. Climatological Assoc.* June, 1889; also *Philad. Med. News*, 27 July, 1889; lv. 85–93.
4. Whooping cough. *Reference Handbook of the Medical Sciences*, vol. vii. New York. Wood. 1888. pp. 749–762.

Crawford Howell Toy.

Hancock Professor of Hebrew and other Oriental Languages, and Dexter Lecturer on Biblical Literature.

1. The New Testament as interpreter of the Old Testament. *Old Testament Student*, Dec. 1888; viii. 124–133.
2. The Thousand and One Nights. *Atlantic Monthly*, June, 1889; lxiii. 756–763.

John Trowbridge.

Rumford Professor and Lecturer on the Application of Science to the Useful Arts, and Director of the Jefferson Physical Laboratory.

1. Economy in college work. *Atlantic Monthly*, Nov. 1888; lxii. 669–673.
2. Use of steam in spectrum analysis. With W. C. Sabine. *Am. Journ. Sci.* Feb. 1889; 3d series, xxxvii. 114–116.
3. Photography. *Scribner's Magazine*, May, 1889; v. 605–619, *illustr.*
4. Neutralization of induction. With S. Sheldon. *Proc. Am. Acad.* May, 1889; xxiv.
5. Magnetism of nickel and tungsten alloys. With S. Sheldon. *Ibid.* xxiv.
6. Radiant energy and electrical energy. *Am. Journ. Sci.* Sept. 1889; 3d series, xxxviii. 217–219.
7. Physical notices in *American Journal of Science* as associate editor. 1888–89.

Herman Frank Vickery.

Assistant in Clinical Medicine.

1. Pleurisy. With E. N. Whittier, M.D. *Encyclopaedia of Children's Diseases.* Ed. Keating. Vol. ii. Philadelphia. Lippincott. 1889; pp. 688–704.
2. Vicarious menstruation. *Boston Med. and Surg. Journ.* 20 Dec. 1888; cxix. 604.

Oliver Fairfield Wadsworth.

Clinical Instructor in Ophthalmoscopy.

1. Edited, with D. W. Cheever, M.D., and G. B. Shattuck, M.D., *Med. and Surg. Reports of the City Hospital. Boston.* 4th series. Boston. 1889. 8°. pp. 227, *illustr.*

George Lincoln Walton.

Clinical Instructor in Diseases of the Nervous System.

1. Dislocation of cervical vertebrae, five cases: spontaneous recovery. *Boston Med. and Surg. Journ.* 14 March, 1889; cxx. 277–281, *plate.* Also *Journal of Nervous and Mental Disease.*
2. Case of cerebral tumor involving the facial centre; autopsy. *Boston Med. and. Surg. Journ.* 2 May, 1889; cxx. 433–435.
3. Latency of ataxic symptoms in cases of optic atrophy. *Ibid.* 1 Aug. 1889; cxxi. 108–110.

Duren James Henderson Ward.

Librarian of the Divinity School.

1. The scientific treatment of religion. *Ethical Record* (Philadelphia), April, 1889; iii. 33, 34.

John Collins Warren.

Associate Professor of Surgery.

1. The diagnosis and treatment of cancer of the breast. *Boston Med. and Surg. Journ.* 11 April, 1889; cxx. 349–353. *cuts.* *Also* separately. Boston. Cupples & Hurd. 1889. 16°. pp. 16.
2. The early diagnosis of malignant growths. *Trans. Am. Surgical Assoc.* vii. 9.

Joseph Weatherhead Warren.

Instructor in Physiology.

1. Report of the Committee on mediumistic phenomena. *Proc. Am. Soc. Psych. Research*, March, 1889; i. (4), 320–322.

Francis Sedgwick Watson.

Clinical Instructor in Genito-Urinary Surgery.

1. The operative treatment of the hypertrophied prostate. Boston. Damrell & Upham. 1888. 4°. *Photogravure plates.*
2. Supra-pubic prostatectomy in a patient aged sixty-nine years. *Boston Med. and Surg. Journ.* 7 March, 1889; cxx. 237, 238.
3. The bladder suture after supra-pubic cystotomy. *Ibid.* 18 April, 1889; cxx. 382.
4. Two cases of benign papillomatous bladder growths successfully removed by the perineal route. *Ibid.* 11 July, 1889; cxxi. 31–33.
5. New surgical appliances. *Med. and Surg. Reports of the Boston City Hospital.* 4th series. 1889. pp. 72–79, *illustr.*

Sereno Watson.

Curator of the Herbarium.

1, 2. Original contributions to American botany:— i. Upon a collection of plants made by Dr. E. Palmer, in 1887, about Guaymas, Mexico, at Muleje and Los Angeles Bay in Lower California, and on the island of San Pedro Martin in the Gulf of California. — ii. Descriptions of some new species of plants, chiefly Californian, with miscellaneous notes. *Proc. Am. Acad.* Vol. xxiv. pp. 36–87. *Also* issued separately as "Contributions to American botany. xvi." with index.

3. New or little known plants. *Garden and Forest*, 10 Oct. 1888–89. i. ii. *Illustr.*

Contents: — **1888.** Tigridia Pringlei, 10 Oct. — Phlox nana, 24 Oct. — Hibiscus lasiocarpus, 31 Oct. — Rosa Nutkana, 14 Nov. — Berberis Fendleri, 21 Nov. — Pentstemon rotundifolius, 28 Nov. — Berberis Fremonti, 12 Dec. — **1889.** Neillia Torreyi, 2 Jan. — Rosa humilis, var. triloba, 13 Feb. — Helianthus mollis, var. cordatus, 20 March. — Calochortus Obispoensis, 3 April. — Portlandia pterosperma, 1 May. — Cordia Greggii, var. Palmeri, 15 May. — Brodiæa Palmeri, 22 May. — Rosa Engelmanni, 7 Aug. — Tigridia buccifera, 28 Aug.

4. Dr. Watson has contributed definitions of botanical terms occurring under the letters A—G to the *Century Dictionary*, of which vols. i. ii. have appeared. (New York. Century Co. 1889.)

David Ames Wells.

Lecturer on the Principles of Taxation.

1. Recent economic changes. *Pop. Sci. Mo.* Sept. 1889; xxxv. 584–598.

This article consists of a few pages taken in advance of publication from Mr. Wells's work entitled: *Recent economic changes and their effect on the production and the distribution of wealth.* New York. Appleton. 1889. 12°.

Barrett Wendell.

Assistant Professor of English.

1. The Harvard undergraduate. *Harvard Monthly*, March, 1889; viii. 1–11.

Oliver Clinton Wendell.

Assistant in the Observatory.

1. Ephemeris of comet 1889 I. for January, February, March, and April, 1889. *Sidereal Messenger*, vii. 82, 132, 225.
2. Ephemeris of comet 1889 II. for June, 1889. *Ibid.* vii. 266.
3. Observations of comet 1888 I. *Astronomische Nachrichten*, cxx. 235.
4. Observations of comet 1888 III. *Ibid.* cxx. 251. Also *Astronomical Journal*, viii. 135.
5. Elements of comet 1889 I. *Astronomische Nachrichten*, cxxi. 239.
6. Observations of comet 1889 II. *Ibid.* cxxi. 319. Also *Astronomical Journal*, ix. 8.
7. Observations of comet 1889 *d*. *Astronomische Nachrichten*, cxxii. 217. Also *Astronomical Journal*, ix. 69.

James Rignall Wheeler.

Instructor in Greek and Latin.

1. New words from the Epidaurian cure inscriptions. *Classical Review*, Feb. 1889; iii. 70.

James Clarke White.

Professor of Dermatology.

1. On the increasing prevalence of scabies, with remarks upon treatment. *Boston Med. and Surg. Journ.* 14 Feb. 1889; cxx. 157–159.
2. Is Primula obconica poisonous? *Garden and Forest*, 20 Feb. 1889; ii. 94.
3. Poisonous forms of Rhus toxicodendron. *Ibid.* 27 Feb. 1889.
4. Dermatitis gestationis, the history of a recurrent dermatosis. *Boston Med. and Surg. Journ.* 28 March, 1889; cxx. 305–308.
5. A case of keratosis follicularis. *Journal of Cutaneous Diseases*, June, 1889.

John Williams White.

Professor of Greek.

1. Passages for practice in translation at sight. Part IV. — Greek. Containing extracts from Demosthenes, Plato, Xenophon, Herodotus, Thucydides, Homer, Euripides, Sophocles, Aristophanes, and Aeschylus. With an introduction on the art of translation at sight. Boston. Ginn & Co. sq. 8°. pp. xviii. 181.

2–9. College series of Greek authors. Edited under the supervision of John Williams White and Thomas D. Seymour.

2. Homer's Odyssey, books I.–IV. Edited on the basis of the Ameis-Hentze edition, by B. Perrin, Professor in Adelbert College of Western Reserve University. Boston. Ginn & Co. 1889. 8°. pp. iv. 229.
3. Text edition of the same. pp. 75.
4. Plato: Protagoras, with the commentary of Hermann Sauppe, translated with additions by James A. Towle, Principal of the Robbins School. Boston. Ginn & Co. 1889. 8°. pp. iii. 179.
5. Text edition of the same. pp. 69.
6. Euripides: Iphigenia among the Taurians. *Illustr.* Edited by Isaac Flagg. Boston. Ginn & Co. 1889. 8°. pp. iii. 197.
7. Text edition of the same. pp. 69.
8. Aeschines against Ctesiphon (On the Crown). Edited on the basis of Weidner's edition, by Rufus B. Richardson, Professor of Greek in Dartmouth College. Boston. Ginn & Co. 1889. 8°. pp. iv. 279.
9. Text edition of the same. pp. 76.

Josiah Dwight Whitney.

Sturgis Hooper Professor of Geology.

1. The United States: facts and figures illustrating the physical geography of the country and its material resources. Written for, and published in part in, the *Encyclopædia Britannica* (ninth edition). Boston. Little, Brown & Co. 1889. 8°. pp. xi. 472.
2. Professor Whitney has contributed to the *Century Dictionary*, vols. i. ii. of which have appeared (New York. Century Co. 1889), definitions of terms in geology, lithology, mining, metals and metallurgy, physical geography, fossil botany.

Francis Henry Williams.

Assistant Professor of Materia Medica and Therapeutics.

1. Two cases of chylous urine. *Med. and Surg. Reports of the City Hospital, Boston.* 4th series. 1889. pp. 222–227.
2. Monthly reports on progress in therapeutics. *Am. Journ. of Med. Sci.* 1888–89.

Henry Willard Williams.

Professor of Ophthalmology.

1. A case of multiple cysts of the iris, occuring in both eyes. *Trans. Am. Ophthalmological Society*, 1889; vol. v. pt. 2.
2. Advances in our knowledge of some cerebral, ocular, and intra-orbital lesions; which facilitate the diagnosis and treatment of important diseases. Reprinted from the *Journal of the American Medical Association*, Nov. 16, 1889. Chicago. 1889.

Read in the section of Ophthalmology, at the fortieth annual meeting of the American Medical Association, June, 1889.

3. Obituary notice of Professor Franciscus Cornelius Donders, of Utrecht, Holland: Foreign Honorary Member of the American Academy of Arts and Sciences. *Proc. Am. Acad.* 1889; xxiv. 465.

Kenelm Winslow.

Instructor in Materia Medica and Botany.

1. Some notes on medicines used in veterinary practice. *Journ. Comp. Med. and Surg.* Jan. 1889.

This article, translated into Italian, appeared in *Journal di veterinaria a militare* (Udine, Italy).

Justin Winsor.

Librarian of the University.

1. The narrative and critical history of America. Vols. i. and viii. 1889. Roy. 8° and f° eds. Vol. i. pp. xxxvii. 470. Vol. viii. pp. viii. 604.

Editor, and also writer of the following sections: —
Vol. i. 1. Americana in libraries and bibliographies. pp. i.–xviii.
2. Early descriptions of America, and collective accounts of the early voyages thereto. pp. xix.–xxxvii.
3. Precolumbian explorations. pp. 59–116.
4. The cartography of Greenland. pp. 117–132.
5. Mexico and Central America. pp. 133–208.
6. Critical essay on the Red Indians of North America [with George E. Ellis]. pp. 316–328.
7. The progress of opinion respecting the origin and antiquity of man in America. pp. 369–412.
8. Bibliography of aboriginal America. pp. 413, 414.
9. The comprehensive treatises on American antiquities. p. 415.
10. Bibliographical notes on the industries and trade of the American aborigines. pp. 416–420.
11. Bibliographical notes on American linguistics. pp. 421–428.
12. Bibliographical notes on the myths and religions of America. pp. 429–436.
13. Archaeological museums and periodicals. pp. 437–441.
Vol. viii. 1. Note on the Hudson Bay Company. pp. 77–80.
2. Critical notes on the sources of information respecting Arctic explorations. pp. 104–130.
3. Note on Newfoundland. pp. 188–190.
4. Spanish North America. pp. 191–269.
5. The West Indies and the Spanish Main. pp. 270–294.
6. The bibliography of Brazil, La Plata, Guiana, the revolution in the north-west of South America, Peru, and Chili. pp. 349–368.
7. The historical chorography of South America. pp. 369–412.
8. The manuscript sources of the history of the United States of America, with particular reference to the American revolution. pp. 413–468.
9. Comprehensive printed authorities upon the general, and upon some of the special phases of the history of the United States. pp. 469–507.
10. Chronological conspectus of American history. pp. 511–556.

2. On the need of a new edition of Washington's writings. *Independent*, 25 April, 1889. Also *Our Day*, June, 1889; iii. 603–605.

3. Calendar of the Sparks manuscripts in Harvard College Library, with an appendix showing other manuscripts. [Bibliog. Contrib. no. 22.] Cambridge, 1889.

4. Edited Harvard University Bulletin, nos. 41, 42, 43; Oct. 1888—May, 1889.

5. Edited Bibliographical Contributions of the Library of Harvard University, nos. 22, 32, 33. *See* p. 6.

6. Eleventh report of the librarian of Harvard College. 1887–88. Included in the annual report of the President, and also issued separately.

Charles Francis Withington.

Assistant in Clinical Medicine.

1. Dr. Withington is assistant editor of the *Boston Medical and Surgical Journal.*

Edward Stickney Wood.

Professor of Chemistry.

1. Annual report on the analysis of food. *Twentieth annual report of the State Board of Health of Massachusetts.* 1889. pp. 83–90.

John Henry Wright.

Professor of Greek.

1. Editor, as secretary of the American Philological Association, of: —
   1. Transactions of the American Philological Association for 1888. Vol. xix. Boston. 1889. pp. 82, lxi.
   2. Proceedings of the American Philological Association for 1888. Amherst Meeting. Boston. 1889. pp. lxi.

2. American editor (with T. D. Seymour and W. G. Hale) of the *Classical Review.* London. Vol. iii. (1889).

3. Classical education in the United States. *Classical Review*, Feb., May, 1889; iii. 77–80, 223–225.

PUBLICATIONS RELATING TO THE UNIVERSITY.

Being such as have come, incidentally, to the notice of the Editor.

Reference book for Harvard students. 1889–90. Cambridge. 1889. 16°.

A report in regard to the tone and tendencies of Harvard University. Made by a committee of students from other colleges now studying at Harvard. Boston. Ellis. 1889. 8°. pp. 32.

The site of the first college building at Cambridge. By Andrew McFarland Davis. From the *Proceedings of the American Antiquarian Society*, Oct. 22, 1888. Worcester. Hamilton. 1889. 8°. pp. 20, *plans* 2.

Reminiscences of Cambridge and Harvard College. S. D. Hosmer. Worcester. F. P. Rice. 1889. 8°. pp. 12.

Indian students at Cambridge. Alice C. Fletcher. *Indian education and civilization.* Special report of the Bureau of Education. 1888. Washington. 1888. [Sen. Exec. Doc. 95, 2d sess. 48th Cong.]

Note on the early history of Harvard College observatory. *Proc. Mass. Hist. Soc.* 2d series, vol. iv. pp. 204.

Views of Harvard College and the various buildings of the University on one sheet. Drawn in ink by Louis Papanti. 1889. 32.5 × 23.6 inches.

In Periodicals and Newspapers: 1888. The Dudleian lectures. *Advertiser*, 30 Oct.—Harvard Democratic rally. *Transcript*, 20 Oct. — The annex. *Harper's Bazaar* (N. Y.), 13 Oct. — Personnell of the Republican club. *Advertiser*, 25 Oct. — Harvard honor men who have graduated within 25 years. *Advertiser*, 29 Oct. — The student's business: a homily. L. B. R. Briggs. *Harvard Mo.* Nov. — The fast set at Harvard University. "Aleck Quest." *North American Review*, Nov.; cxlvii. 542–553. — Harvard Republican meeting. *Transcript*, 3 Nov. — A double expedition from Harvard College Observatory. *Advertiser*, 10 Nov. — Why Harvard College is losing prestige. H. A. T. *Herald*, 12 Nov. (3 columns). — Women capturing Harvard. *Herald*, 17 Nov. — A strong athletic spirit helps to keep down immorality. H. A. T. *Herald*, 26 Nov. — The work of the Harvard University Preachers. S. *Transcript*, 28 Nov. — The fast set at Harvard. By one of the fast set. *North American Review*, Dec.; cxlvii. 645–657. — A house for Harvard astronomers. *Transcript*, 20 Dec. — **1889.** The Harvard Law School. L. D. Brandeis. *The Green Bag*, Jan.; i. 10–25, *illustr.* — Canadian students at Harvard University. [W. F. Ganong.] *Educational Rev.* (St. John, N. B.), Feb. — In what some universities surpass Harvard. J. Lee. *Herald*, 14 Jan. (2 col.). — The incentive to study. *Herald*, 15 Jan. — As to Harvard's policy. *Post*, 1 Feb. — The new rules at Harvard. *Transcript*, 2 Feb. (editorial), 7 Feb. (letters), 9 Feb. (letter signed "Alumnus"). — The American college. *Post*, 9 Feb. — New field for athletic sports. *Herald*, 11 Feb. — Applicants for the crew for '89; the old "iron-clad." *Herald*, 11 Feb. — The three-years' course at Harvard. J. T. W. *Post*, 14 Feb. — The Harvard Divinity School. *Transcript*, 15 Feb. — College discipline. *Nation* (N. Y.), 21 Feb. — A home near Harvard. *Cambridge Tribune*, 23 Feb. — Harvard commencement verses: "Qui alicujus gradus laurea donati estis." *Transcript*, 23 Feb. 2 March. — The guardianship principle. *Post*, 25 Feb. — Reply to a recent article in the *North American Review* on "the fast set at Harvard." By a recent graduate. *Our Day*, March; iii. 291–293. — The Harvard stroke. E. M. Gannett. *Outing*, March. — The Harvard undergraduate. B. Wendell. *Harvard Mo.* March. — Holidays and patriotism (Washington's birthday). M. E. Blake. *Sunday Globe*, 3 March. — Life in the annex. *Transcript*, 16 March (2 col.). — The university club. *Post*, 20 March. — Harvard College students. *Advertiser*, 15 March. — English 12 themes. *Advertiser*, 22 March. — Harvard College alumni who have received the honorary degrees named (from their own or other colleges). W. A. Richardson. *New England Hist. Geneal. Reg.* April; xliii. 172–181. — The amended regulations. *Transcript*, 12 April, *Herald*, 12 April. — The new gateway at Harvard: elevation. *Am. Architect*, 4 May. — Work of the Peabody Museum of Archaeology and Ethnology. *Science*, 31 May. — At Harvard: a class day story with a moral. *Transcript*, 21 June. — Memorial windows given by the classes of 1861 and 1878. *Advertiser*, 21 June. — College journalism. *Advertiser*, 25 June. — Harvard University Observatory photographic circulars. *Nature*, 29 Aug. — The Peabody Museum. S. R. Koehler. *Magazine of Art*, Oct.

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